2012 Master Catalog 1.0

L-com® Global Connectivity

Wired and Wireless Connectivity Products

- Antennas
- WLAN Amplifiers
- Access Points
- RF Filters/Splitters
- Weatherproof Enclosures
- Lightning Protectors
- PoE Products
- Telecom / Modular
- D-Subminiature
- USB
- Firewire, DIN, SCSI, SATA eSATA
- IEEE-488 GPIB
- Audio / Video
- Coaxial
- Fiber Optic
- Patch Panels, Racks
- Media Converters
- Ethernet Switches
- Surveillance Equipment
- Serial Converters / Device Servers
- Test Equipment

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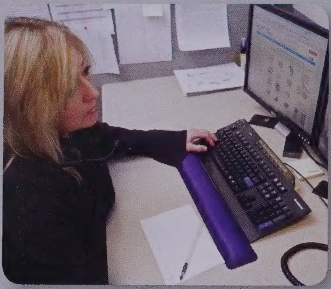
It Starts with Service

For more than 30 years, L-com has led the connectivity products industry in producing high-quality, high-performance network equipment at exceptionally low prices. Customers all over the globe turn to L-com when building flawless networks in the most demanding applications.

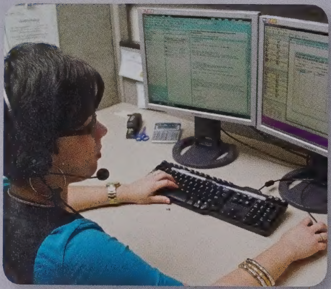
But no matter what connectivity challenge you face, we know that the solution starts with service. You need the right product for your application or your performance will suffer.

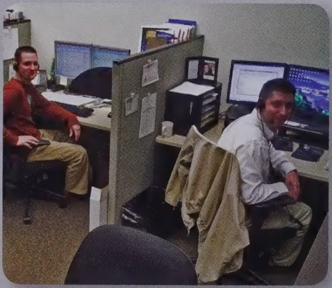
Just a few of our Service Stars...

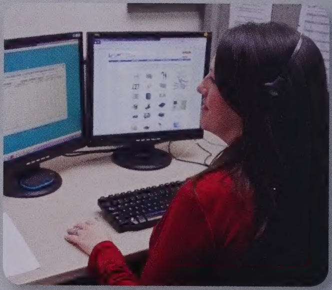
Joanne Gomber, Supervisor


Amy Stiner, Customer Service Rep

Tania Rueda, Customer Service Rep


Arianne Santos Rivas, Customer Service Rep


Jason Rust and Mark Sedleski,
Technical Service Reps


Lea Bakalyar, Customer Service Rep

That's why we built the best customer and technical service teams in the industry. And we're not just bragging; in 2011 L-com won the ABA Stevie Award for best Sales & Customer Service departments in the industry.

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L-com® Global Connectivity

Dear Friend,

Enclosed is your copy of L-com's latest Master Catalog. If you are unfamiliar with L-com, we have been a leading manufacturer of cable assemblies, connectors and other connectivity devices for over 25 years.

In 2007 we acquired HyperLink Technologies of Boca Raton, Florida. HyperLink Technologies is a high-quality manufacturer of antennas, amplifiers, NEMA enclosures and other wireless connectivity equipment. This acquisition strengthens L-com's product offering, thereby creating a "one-stop source" for users of all connectivity equipment, wired or wireless.

The L-com Master Catalog lists our complete offering of connectivity products and most of these products are available from stock. If you have online access, please visit our website at www.L-com.com.

Online, you will find additional technical resources including engineering drawings, tutorials and video tips to teach you how things work. Real time inventory information is also available and ordering is quick and easy. Best of all, we offer a 100% money back guarantee with every order. It's that simple.

Thanks again for the opportunity to earn your business.

Sincerely,

Lester R Smock

Lester Smock
Contact Center Manager
L-com Global Connectivity

P.S. To help us understand if we are meeting your needs, please take a moment to participate in our short survey at www.L-com.com/survey.

We look forward to hearing from you!

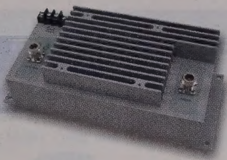
L-COM, INC. 45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
WWW.L-COM.COM E-MAIL: SALES@L-COM.COM PHONE: 1-800-343-1455 FAX: 1-978-689-9484

Product Highlights

Antennas

HyperLink™ Surge Protectors

WLAN Amplifiers

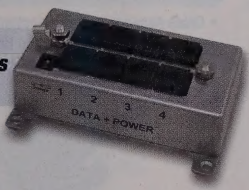


Category 5e Patch Cords

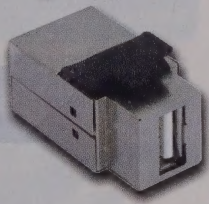
Wireless Access Points

D-Subminiature Adapters

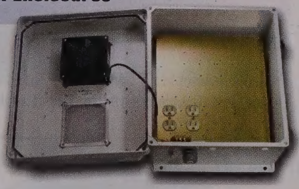
PoE Products



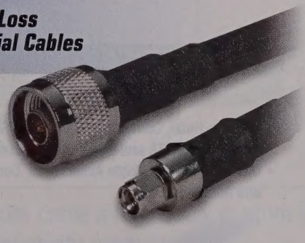
USB Couplers



Weatherproof NEMA Enclosures



Low-Loss Coaxial Cables



Look for these helpful icons throughout our catalog:

- Informative tutorial
- Online video available
- Helpful tip available
- Best selling product
- New product added
- Exclusive product design or feature
- ✓RoHS RoHS compliant and/or partially compliant product

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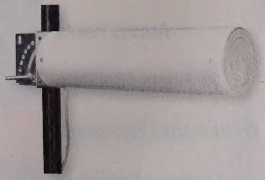
- Rubber Duck • Panel • Mobile Mount • Array
- Dish



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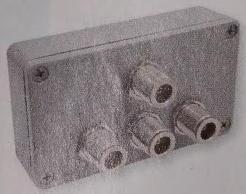

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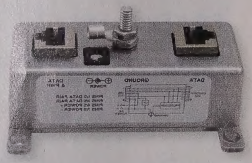

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Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

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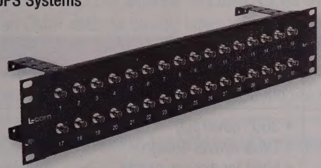

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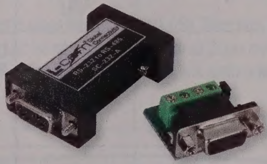

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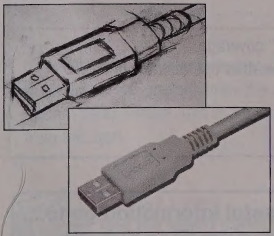

Do you need custom cable assemblies, custom WiFi antennas, custom adapters or other custom connectivity products?

L-com has over 30 years of experience designing and building custom connectivity products. L-com's manufacturing facilities in the U.S. and China can build just about every type of copper or fiber cable assembly as well as custom connectors, WiFi antennas, adapters, amplifiers, NEMA enclosures and more. L-com's Product Development and CAD Engineering teams are ready to serve you. L-com is ISO 9001:2008 and UL Certified and has the ability to manufacture custom products in large or small volumes. Fast turnaround is also available.

See page 261 for more information. . .

L-com® Global Connectivity

Wireless Antenna Tutorial

What are Wireless Antennas?

Wireless antennas are the part of a radio communications system that radiate and/or collect radio frequency energy.

How are Wireless Antennas used?

Wireless antennas are typically connected via low loss coaxial cable either to an amplifier, splitter, filter or directly to a wireless access point or router. For outdoor applications wireless antennas are often attached via mounting clamps to a mast or to the side of a building via mounting brackets. Wireless Antennas used indoors are typically ceiling mounted or sometimes mounted high up on a wall.

Where are Wireless Antennas used?

Wireless antennas are used in many environments and for many applications. Models for both indoor and outdoor use are available as well as specialty antennas such as Marine antennas used in nautical applications.

Wireless antennas are used in both commercial and military/government applications including small office/home office (SOHO) networks, Enterprise (office) networks, supervisory control and data acquisition (SCADA) networks, homeland security, factory automation, mining, oil processing, wireless cafe "hotspots", energy management and control, police, fire and emergency services networks, radio frequency identification (RFID) applications, and industrial science and medical (ISM) networks.

Wireless antennas are used in/on buildings, oil rigs, wind turbines, terrestrial vehicles, boats, aircraft and other mobile and stationary platforms.

A Critical Component for Every Wireless Application…

The selection of the correct antenna is paramount to achieving overall wireless system performance. L-com's HyperLink™ antennas offer a wide range of frequencies, antenna styles, gain specifications, and Beamwidth coverage for your wireless system applications and needs. When performance is essential, select the best HyperLink™ antenna to fit the application.

Antenna Configurations/Characteristics

Antenna	Style	*Features	Antenna	Style	*Features
	GRID	• Die cast construction • UV stable light gray powder coat finish • Easy to assemble • Rugged all weather operation		RUBBER DUCK	• 360° coverage • Tilt & swivel design • Ideal for access points
	DISH	• UV stable polymer finish • All weather operation • Optional radomes		ARRAYS	• 360° coverage • Stainless steel construction • All weather operation
	OMNI	• 360° coverage • Indoor & outdoor use • Mobile applications • Compact models available		LOG PERIODIC	• Ideal for use with multiband access points and routers • 2.3 GHz to 6.5 GHz • Compact size - low profile
	DIVERSITY	• Multi-band • Broad-band • MIMO configurations • Dual polarity • Spatial diversity		CEILING	• 360° coverage • Indoor use • Compact size - easy to mount • MIMO configurations
	YAGI	• All weather operation • Can be installed for either vertical or horizontal polarization		MARINE	• 360° coverage • Nautical environments • All weather operation
	PANEL	• All weather operation • Sector/directional coverage • Mechanical down-tilt		MOBILE MOUNT	• 360° coverage • All weather operation

* Product features may vary. See individual antennas for differences.

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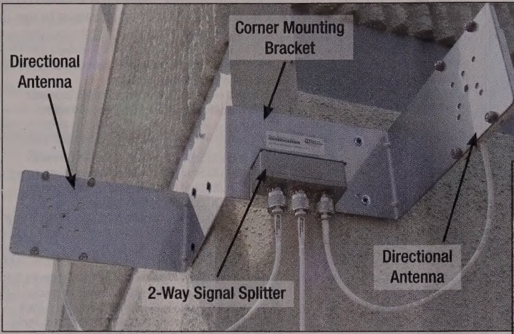
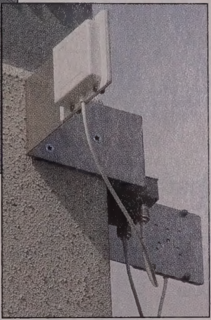
For more useful information go to....
L-com.com/Resources

Outdoor Antenna Application



HGX-UMOUNT04 Universal Mounting Bracket shown left

HG-2414P Flat Panel Antenna shown below



Outdoor RF wireless networks experience the same factors such as reflections and multi-path as indoor networks. For outdoor wireless installations, a clear line of sight is optimal. Trees and leaves are obstructions to 802.11 frequencies so they will partially or entirely block the signal if not cleared.

Before deploying any wireless network, a site survey is recommended. The site survey typically entails installing an access point at each location where user groups are located and then monitoring the wireless signal strength by walking varying distances away from the access points using a laptop with site survey software. The result will show you where you may need more access points to provide sufficient coverage or where you may need to move an access point for optimal wireless connectivity. The antenna mounting varies by type of antenna and the structures available for mounting. For instance, an OMNI antenna usually looks for a clear 360° view of the area to be covered, while a DIRECTIONAL antenna needs a clear path reasonably equal to its beam width. Mounting hardware options to make these installations go smoothly are available when planning the site installations, such as the corner mounting bracket pictured above. L-com offers many options to the installer, please inquire.

Outdoor Antenna Installation Considerations

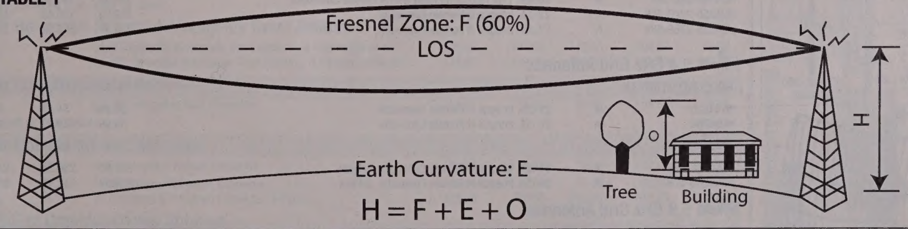
When installing a wireless LAN antenna several factors must be considered before installation in order to obtain optimal wireless signal connectivity. The correct installation height of an antenna depends on the factors outlined below.

1) Distance between the sites: The longer the link, the higher the antenna needs to be due to the earth's curvature. (This relation is not proportional) See table 1.

2) The Fresnel Zone: This is an electromagnetic phenomenon, where light or radio signals get diffracted or bent from solid objects near their path. See table 1 showing the 60% of Fresnel Zone values (accepted clearing on path). Add this to the earth curvature height.

3) Objects in the path: At a frequency of 2.4 GHz, you need a clear line of sight (LOS). Tree tops will reflect or ground the signal. The theory is that the height of the tallest object in the path of the signal should be added to the Fresnel Zone and earth curvature clearance heights. In your case, you should have to check the height of the trees, hills, buildings or any object on the link path and add this to the measurement for the total of the tower height. The above three conditions make up the Radio Line of Sight.

TABLE 1



Understanding the elements that affect the antenna installation are critical to getting the maximum performance out of the wireless LAN system. If obstacles are present from the site survey results, additional antennas and repeaters may be added to compensate for barriers to the overall system performance. This is a critical factor in the site survey and the system planning to recognize any limitations in performance and address them from the start.

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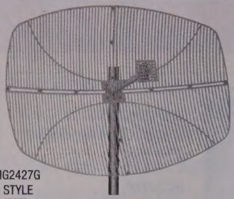
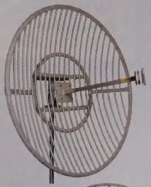
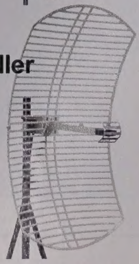
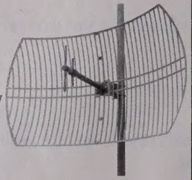

HG2427G
STYLE
A
(Vertical)


HG2430G
STYLE
B
(Vertical)

Best Seller


HG2424G
STYLE
A
(Horizontal)

New


HG8915EG
STYLE
A
(Vertical)

HG4958-26G
STYLE
A
(Horizontal)

HG4958-26G
(Vertical)

HG4958-27EG-5PK
STYLE
A
(Vertical)

New

"STYLE" refers to shape of antenna in series.
Vertical/Horizontal refers to polarity.

Item # Style Description

RoHS 2.4 GHz Grid Antennas

L-com's HyperLink™ high performance reflector grid WiFi antennas are available in gain ranges of 15 dBi to 30 dBi and are ideally suited for long-range highly directional applications. These applications include point to point systems, point to multipoint systems and wireless bridges in the 2.4 GHz ISM band as well as IEEE 802.11b/g/n wireless LAN systems. L-com's grid antennas can be installed for either vertical or horizontal polarization. L-com has a new, full-featured lightweight grid offered as a HyperLink™ value antenna for less demanding installations. Not all models are available in 5 packs.

SOLD INDIVIDUALLY (NO 5-PACKS)			1-9	10-24	25-99	100-249	250-499
HG2415G-NM	A	15 dBi, 12in (30.5cm) Pigtail with N Male Connector ANATEL Certified	52.99	51.40	49.81	48.22	46.63
HG2427G	A	27 dBi, Integral N Female Connector	249.99	229.99	209.99	189.99	169.99
HG2430G	B	30 dBi, 18in (45.7cm) Pigtail with N Female Connector	429.99	412.79	395.59	365.49	322.49
HG2430G-NM	B	30 dBi, 18in (45.7cm) Pigtail with N Male Connector	479.99	451.19	422.39	393.59	364.79

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG2415G-NF	A	15 dBi, 12in (30.5cm) Pigtail with N Female Connector	36.99	36.62	36.25	35.88
HG2419G-NF	A	19 dBi, 12in (30.5cm) Pigtail with N Female Connector	47.99	47.51	47.03	46.55
HG2424G-NF	A	24 dBi, 12in (30.5cm) Pigtail with N Female Connector	57.99	57.41	56.83	56.25
HG2424G-NM	A	24 dBi, 12in (30.5cm) Pigtail with N Male Connector	59.99	59.39	58.79	58.19
HG2424EG-NF	A	24 dBi, 12in (30.5cm) Pigtail with N Female Connector, Lightweight Grid	44.99	40.49	35.99	31.49
HG2424EG-NM	A	24 dBi, 12in (30.5cm) Pigtail with N Male Connector, Lightweight Grid	44.99	40.49	35.99	31.49

5-PACKS			1-4	5-9	10-24	25+
HG2415G-NF-5PK	A	15 dBi, 12in (30.5cm) Pigtail with N Female Connector, 5-Pack	164.99	163.34	161.69	160.04
HG2419G-NF-5PK	A	19 dBi, 12in (30.5cm) Pigtail with N Female Connector, 5-Pack	205.99	199.81	193.63	187.45
HG2420EG-NF-5PK	A	20 dBi, 12in (30.5cm) Pigtail with NF Connector, 5-Pack	175.00	164.50	154.00	143.50
HG2420EG-NM-5PK	A	20 dBi, 12in (30.5cm) Pigtail with NM Connector, 5-Pack	175.00	164.50	154.00	143.50
HG2424G-NF-5PK	A	24 dBi, 12in (30.5cm) Pigtail with N Female Connector, 5-Pack	255.99	243.19	230.39	217.59
HG2424G-NM-5PK	A	24 dBi, 12in (30.5cm) Pigtail with N Male Connector, 5-Pack	259.99	246.99	233.99	220.99
HG2424EG-NF-5PK	A	24 dBi, 12in (30.5cm) Pigtail with N Female Connector, Lightweight Grid	199.99	187.99	175.99	163.99
HG2424EG-NM-5PK	A	24 dBi, 12in (30.5cm) Pigtail with N Male Connector, Lightweight Grid	199.99	197.99	195.99	193.99

900 MHz, 4.9 GHz, 5.4 GHz and 5.8 GHz Grid Antennas

L-com's HyperLink™ grid antennas feature a multi-piece reflector grid. With this type of design they are not only easy to assemble, but it significantly reduces shipping costs compared to similar antennas with one piece reflector grid.

RoHS 900 MHz Grid Antennas

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG915G-NF	A	15 dBi, 30in (76.2cm) Pigtail with N Female Connector	73.99	73.25	72.51	71.77
HG8915EG	A	15 dBi , Integral N Female Connector	69.99	67.19	64.39	59.49

5-PACKS			1-4	5-9	10-24	25+
HG915G-NF-5PK	A	15 dBi, 30in (76.2cm) Pigtail with N Female Connector, 5-Pack	337.99	327.85	317.71	307.57

RoHS 4.9 GHz Grid Antennas

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG4929G-NF	A	29 dBi, 12in (30.5cm) Pigtail with N Female Connector	79.99	73.59	67.19	60.79
HG4929G-NM	A	29 dBi, 12in (30.5cm) Pigtail with N Male Connector	79.99	73.59	67.19	60.79

5-PACKS			1-4	5-9	10-24	25+
HG4929G-NF-5PK	A	29 dBi, 12in (30.5cm) Pigtail with N Female Connector, 5-Pack	374.99	344.99	314.99	284.99
HG4929G-NM-5PK	A	29 dBi, 12in (30.5cm) Pigtail with N Male Connector, 5-Pack	374.99	344.99	314.99	284.99

RoHS 4.9-5.8 GHz Grid Antennas

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG4958-26G	A	26 dBi, 12in (30.5cm) Pigtail with N Female Connector	54.99	52.24	49.49	46.74

5-PACKS			1-4	5-9	10-24	25+
HG4958-26G-5PK	A	26 dBi, 12in (30.5cm) Pigtail with N Female Connector	259.99	246.99	233.99	220.99
HG4958-22EG-5PK	A	22 dBi, Integral N Female Connector	209.99	199.49	188.99	178.49
HG4958-27EG-5PK	A	27 dBi, Integral N Female Connector	234.99	223.24	211.49	199.74

RoHS 5.4 GHz Grid Antennas

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG5421G	A	21 dBi, Integral N Female Connector	54.99	54.44	53.89	53.34
HG5426G	A	26 dBi, Integral N Female Connector	59.99	59.39	58.79	58.19

5-PACKS			1-4	5-9	10-24	25+
HG5421G-5PK	A	21 dBi, Integral N Female Connector, 5-Pack	257.99	250.25	242.51	234.77
HG5426G-5PK	A	26 dBi, Integral N Female Connector, 5-Pack	259.99	252.19	244.39	236.59

RoHS 5.8 GHz Grid Antennas

SOLD INDIVIDUALLY			1-4	5-9	10-24	25+
HG5822G	A	22 dBi, Integral N Female Connector ANATEL Certified	52.99	52.46	51.93	51.40
HG5827G	A	27 dBi, Integral N Female Connector	57.99	57.41	56.83	56.25
HG5822EG	A	22 dBi, Integral N Female Connector	42.99	40.84	38.69	36.54
HG5827EG	A	27 dBi, Integral N Female Connector	47.99	45.59	43.19	40.79

5-PACKS			1-4	5-9	10-24	25+
HG5822G-5PK	A	22 dBi, Integral N Female Connector, 5-Pack	249.99	237.49	224.99	212.49
HG5827G-5PK	A	27 dBi, Integral N Female Connector, 5-Pack	267.99	259.95	251.91	243.87
HG5822EG-5PK	A	22 dBi, Integral N Female Connector, 5-Pack	199.99	189.99	179.99	169.99
HG5827EG-5PK	A	27 dBi, Integral N Female Connector, 5-Pack	224.99	213.74	202.49	191.24

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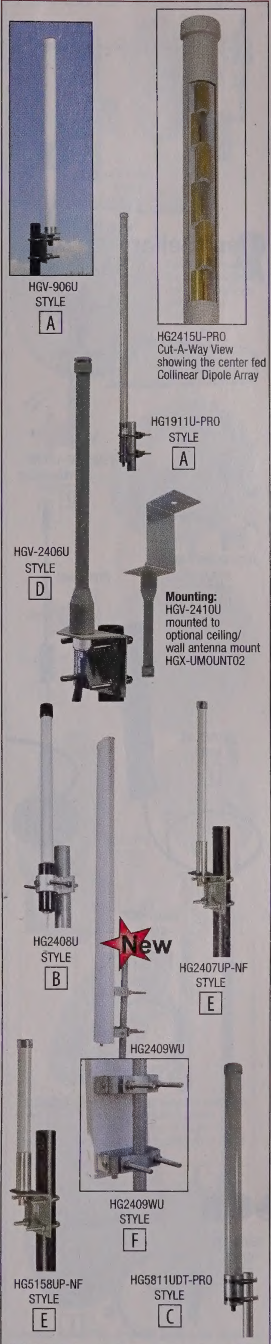
HyperLink™ Omnidirectional Antennas - Versatile Mounting Options and All-Weather Design

L-com offers a wide range of WiFi Omnidirectional antennas for multipoint applications where very wide coverage is desired. Designed to operate in the harshest of environments, L-com's Omni antennas far exceed other Omnidirectional antennas.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
RoHS 410-430 MHz 9 dBi Omnidirectional Antennas							
HG409U-NF	A	9 dBi, 12in (30.5cm) Pigtail with N Female Connector	99.99	93.99	87.99	81.99	75.99
HG409U-NM	A	9 dBi, 12in (30.5cm) Pigtail with N Male Connector	99.99	93.99	87.99	81.99	75.99
HG409U-RSP	A	9 dBi, 12in (30.5cm) Pigtail with RP-SMA Plug Connector	99.99	93.99	87.99	81.99	75.99
HG409U-RTP	A	9 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	99.99	93.99	87.99	81.99	75.99
RoHS 430-450 MHz 9 dBi Omnidirectional Antennas							
HG439U-NF	A	9 dBi, 12in (30.5cm) Pigtail with N Female Connector	99.99	93.99	87.99	81.99	75.99
HG439U-NM	A	9 dBi, 12in (30.5cm) Pigtail with N Male Connector	99.99	93.99	87.99	81.99	75.99
HG439U-RSP	A	9 dBi, 12in (30.5cm) Pigtail with RP-SMA Plug Connector	99.99	93.99	87.99	81.99	75.99
HG439U-RTP	A	9 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	99.99	93.99	87.99	81.99	75.99
RoHS 450-470 MHz 9 dBi Omnidirectional Antennas							
HG459U-NF	A	9 dBi, 12in (30.5cm) Pigtail with N Female Connector	99.99	93.99	87.99	81.99	75.99
HG459U-NM	A	9 dBi, 12in (30.5cm) Pigtail with N Male Connector	99.99	93.99	87.99	81.99	75.99
HG459U-RSP	A	9 dBi, 12in (30.5cm) Pigtail with RP-SMA Plug Connector	99.99	93.99	87.99	81.99	75.99
HG459U-RTP	A	9 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	99.99	93.99	87.99	81.99	75.99
RoHS 460-480 MHz 9 dBi Omnidirectional Antennas							
HG479U-NF	A	9 dBi, 12in (30.5cm) Pigtail with N Female Connector	99.99	93.99	87.99	81.99	75.99
HG479U-NM	A	9 dBi, 12in (30.5cm) Pigtail with N Male Connector	99.99	93.99	87.99	81.99	75.99
HG479U-RSP	A	9 dBi, 12in (30.5cm) Pigtail with RP-SMA Plug Connector	99.99	93.99	87.99	81.99	75.99
HG479U-RTP	A	9 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	99.99	93.99	87.99	81.99	75.99
RoHS 900 MHz Omnidirectional Antennas							
HGV-906U	A	6 dBi, Integral N Female Connector	54.99	52.79	50.59	46.74	41.24
HG908U-PRO	A	8 dBi, Integral N Female Connector	124.99	112.49	99.99	87.49	74.99
RoHS 1.9 GHz Omnidirectional Antennas							
HG1911U-PRO	A	11 dBi, Integral N Female Connector	99.99	96.99	93.99	90.99	87.99
HG1911U-PRO-5PK	A	11 dBi, Integral N Female Connector, 5-Pack	449.99	422.99	395.99	368.99	341.99
RoHS 2.4 GHz Omnidirectional Antennas							
HGV-2404U	D	4 dBi, Integral N Female Connector	37.99	34.95	31.91	28.87	25.83
HGV-2406U	D	6 dBi, Integral N Female Connector	42.99	39.55	36.11	32.67	29.23
HGV-2409U	D	8.5 dBi, Integral N Female Connector	49.99	47.99	45.99	42.49	37.49
HG2405UP-NF	E	5 dBi, Integral N Female Connector	35.99	32.39	28.79	25.19	21.59
HG2407UP-NF	E	6.5 dBi, Integral N Female Connector	39.99	35.99	31.99	27.99	23.99
HG2408U-NF	B	8 dBi, 12in (30.5cm) Pigtail with N Female Connector	65.99	62.69	59.39	56.09	CALL
HG2408U-NM	B	8 dBi, 12in (30.5cm) Pigtail with N Male Connector	69.99	66.49	62.99	59.49	CALL
HG2408U-RBP	B	8 dBi, 12in (30.5cm) Pigtail with RP-BNC Plug Connector	75.99	72.19	68.39	64.59	CALL
HG2408U-RSP	B	8 dBi, 12in (30.5cm) Pigtail with RP-SMA Plug Connector	69.99	66.49	62.99	59.49	CALL
HG2408U-RTP	B	8 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	69.99	66.49	62.99	59.49	CALL
HG2409U	A*	8.5 dBi, Integral N Male Connector	49.99	45.99	41.99	37.99	33.99
HG2409UP-NF	E	8.5 dBi, Integral N Female Connector	44.99	40.49	35.99	31.49	26.99
HG2409UM-RSP	B*	8.5 dBi, Marine, 3ft (0.9m) Pigtail with RP-SMA Plug Connector	109.99	98.99	87.99	76.99	65.99
HG2409U-PRO	A*	9 dBi, Integral N Female Connector	64.99	62.39	59.79	55.24	48.74
HG2409U-PRO-5PK	A*	9 dBi, Integral N Female Connector, 5-Pack	299.99	287.99	275.99	254.99	224.99
HG2409UDT-PRO	A	9 dBi, 7 Degree Down-Tilt, Integral N Female Connector	71.99	68.39	64.79	61.19	CALL
HGV-2410U	C	10 dBi, Integral N Female Connector	59.99	57.59	55.19	50.99	44.99
HG2411UDT-PRO	A	11 dBi, 8 Degree Electrical Down-Tilt with N Female Connector	79.99	75.99	71.99	67.99	CALL
HG2412U-NF	C	12 dBi, 12in (30.5cm) Pigtail with N Female Connector	62.99	59.84	56.69	53.54	CALL
HG2412U-NM	C	12 dBi, 12in (30.5cm) Pigtail with N Male Connector	69.99	66.49	62.99	59.49	CALL
HG2412U-RTP	C	12 dBi, 12in (30.5cm) Pigtail with RP-TNC Plug Connector	69.99	66.49	62.99	59.49	CALL
HG2412U-PRO	A	12 dBi, 12in (30.5cm) Pigtail with N Female Connector ANATEL Certified	99.99	93.99	87.99	81.99	75.99
HG2415U-PRO	A	15 dBi, Integral N Female Connector	114.99	110.39	105.79	101.19	96.59
HG2415U-PRO-5PK	A	15 dBi, Integral N Female Connector, 5-Pack	499.99	459.99	419.99	379.99	339.99
* Similar to this style-see online Data Sheet for details.							
RoHS 2.4 GHz Horizontal Polarized Waveguide Omni Antennas							
HG2409WU	F	9 dBi, Horizontal Waveguide Omni Antenna, N Female Connector	149.99	134.99	119.99	104.99	89.99
HG2413WU	F	13 dBi, Horizontal Waveguide Omni Antenna, N Female Connector	174.99	157.49	139.99	122.49	104.99
RoHS 2.6 GHz Omnidirectional Antenna							
HG2609U	*	8.5 dBi, Integral N Male Connector	59.99	55.19	50.39	45.59	40.79
* See online Data Sheet for style details.							
RoHS 3.5 GHz Omnidirectional Antennas							
HG3509U-PRO	B	9 dBi, Integral N Female Connector	79.99	76.79	73.59	67.99	59.99
HG3511U-PRO	B	11 dBi, Integral N Female Connector	79.99	77.59	75.19	72.79	70.39
HG3511U-PRO-5PK	B	11 dBi, Integral N Female Connector, 5-Pack	375.00	360.00	345.00	318.75	281.25
RoHS 5.1-5.8 GHz Omnidirectional Antenna							
HG5158UP-NF	E	6 dBi, Integral N Female Connector	44.99	40.49	35.99	31.49	26.99
RoHS 5.8 GHz 11 dBi 8 Degree Omnidirectional Antenna							
HG5811UDT-PRO	C	11 dBi, N Female Connector with 8 Degree Electrical Down-Tilt	77.99	74.09	70.19	66.29	CALL
RoHS 5.3/5.8 GHz Omnidirectional Antennas							
HG5310U	C	5.3 GHz, 10 dBi, Integral N Female Connector	69.99	67.19	64.39	59.49	52.49
HG5412U	C	5.4 GHz, 12 dBi, Integral N Female Connector	79.99	76.79	73.59	67.99	59.99
HG5808U	C	5.8 GHz, 8 dBi, Integral N Female Connector	79.99	71.99	63.99	55.99	47.99
HG5812U-PRO	A	5.8 GHz, 12 dBi, Integral N Female Connector	89.99	86.39	82.79	79.19	75.59
HG5812U-PRO-5PK	A	5.8 GHz, 12 dBi, Integral N Female Connector, 5-Pack	439.99	395.99	351.99	307.99	263.99

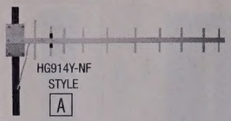


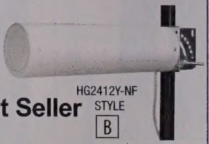
HG2415U-PRO Cut-A-Way View showing the center fed Collinear Dipole Array

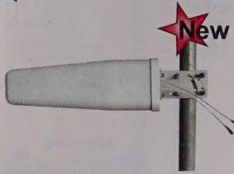
Mounting: HGV-2410U mounted to optional ceiling/wall antenna mount HGX-UMOUNT02

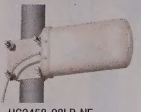
"STYLE" refers to shape of antenna in series.

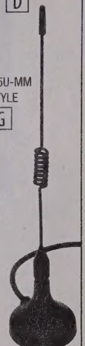
Same day shipping
Orders placed before 4:00 EST
ship the same day.


HG914Y-NF
STYLE
A

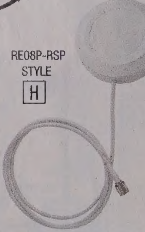

Best Seller
HG2412Y-NF
STYLE
B


New
HG4958DP-17Y-NF
STYLE
D


HG2458-08LP-NF
STYLE
C


RE05U-MM
STYLE
G

RE05ER-MC
STYLE
F


RE08P-RSP
STYLE
H

RE09U-RSP
STYLE
D

RE14P-RSP
STYLE
E

"STYLE" refers to shape of antenna in series.

800 MHz, 900 MHz, 1.9 GHz, 2.4 GHz and 5.8 GHz Yagi Antennas - Designed for Long Range Directional Operation

These rugged outdoor rated directional Yagi antennas are ideally suited for IEEE 802.11b/g/n, PCS and 900 MHz ISM applications. HyperLink™ offers both radome enclosed models as well as non-radome enclosed Yagi antennas. A multitude of gain and connector options are available.

✓RoHS 800 MHz/2.4 GHz Log Periodic Yagi Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG824-11LP-NF	D	11 dBi, Log Periodic, 12in (30.5cm) Pigtail with N Female Connector	59.99	53.99	47.99	41.99	35.99

✓RoHS 900 MHz Yagi Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG903YE-NF	A	3 dBi, Aluminum, 15in (38.1cm) Pigtail with N Female Connector	24.99	22.49	19.99	17.49	14.99
HG906YE-NF	A	6 dBi, Aluminum, 15in (38.1cm) Pigtail with N Female Connector	27.99	25.19	22.39	19.59	16.79
HG909YE-NF	A	9 dBi, Aluminum, 15in (38.1cm) Pigtail with N Female Connector	31.99	28.79	25.59	22.39	19.19
HG912YE-NF	A	12 dBi, Aluminum, 15in (38.1cm) Pigtail with N Female Connector	33.99	30.59	27.19	23.79	20.39
HG914YE-NF	A	14 dBi, Aluminum, 15in (38.1cm) Pigtail with N Female Connector	41.99	37.79	33.59	29.39	25.19
HG909Y-NF	A	9 dBi, Stainless Steel, 18in (45.7cm) Pigtail with N Female Connector	31.99	30.71	29.43	27.19	23.99
HG909Y-NM	A	9 dBi, Stainless Steel, 18in (45.7cm) Pigtail with N Male Connector	45.99	44.15	42.31	39.09	34.49
HG913Y-NF	A	13 dBi, Stainless Steel, 18in (45.7cm) Pigtail with N Female Connector	47.99	46.07	44.15	40.79	35.99
HG913Y-NM	A	13 dBi, Stainless Steel, 18in (45.7cm) Pigtail with N Male Connector	59.99	57.59	55.19	50.99	44.99
HG914Y-NF	A	14 dBi, Aluminum, 12in (30.5cm) Pigtail with N Female Connector	119.99	115.19	110.39	101.99	89.99
HG914Y-NM	A	14 dBi, Aluminum, 12in (30.5cm) Pigtail with N Male Connector	134.99	129.59	124.19	114.74	101.24

1.9 GHz Yagi Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG1912SY-NF	A	12 dBi, Stainless Steel, 7in (17.8cm) Pigtail with N Female Connector	44.99	41.39	37.79	34.19	30.59

✓RoHS 2.4 GHz Yagi Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2409Y-NF	B	9 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Female Connector	39.99	35.99	31.99	27.99	23.99
HG2409Y-NM	B	9 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Male Connector	49.99	44.99	39.99	34.99	29.99
HG2412SY-NF	A	12 dBi, Stainless Steel, 7in (17.8cm) Pigtail with N Female Connector	44.99	41.39	37.79	34.19	30.59
HG2412Y-NF	B	12 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Female Connector	44.99	40.49	35.99	31.49	26.99
HG2412Y-NM	B	12 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Male Connector	54.99	49.49	43.99	38.49	32.99
HG2415Y-NF	B	14.5 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Female Connector	44.99	41.39	37.79	34.19	30.59
HG2415Y-NM	B	14.5 dBi, Radome Enclosed, 12in (30.5cm) Pigtail with N Male Connector	44.99	41.39	37.79	34.19	30.59

✓RoHS 2.4/5.8 GHz Log Periodic Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458-08LP-NF	C	8 dBi, Radome Enclosed, 9in (22.9cm) Pigtail with N Female Connector	64.99	58.49	51.99	45.49	38.99

✓RoHS 4.9-5.8 GHz Dual Polarized Yagi Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG4958DP-17Y-NF	D	17 dBi, 12in (30.5cm) Pigtail with Two N Female Connectors	149.99	137.99	125.99	113.99	101.99

✓RoHS 5.8 GHz Yagi Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5817Y-NF	D	16.5 dBi, 10in (25.4cm) Pigtail with N Female Connector	69.99	65.79	61.59	57.39	53.19

900 MHz, 1.2 GHz, 1.9 GHz and 2.4 GHz Range Extender Antennas

HyperLink™ range extender antennas can be used to achieve greater range than standard Rubber Duck antennas or a PC card's internal antenna. Full 360° coverage is provided by the Omni-Directional antennas and the Patch style range extender antennas feature directional operation. This series supports various applications including 2.4 GHz IEEE 802.11b/g/n wireless LANs, 800-1800 MHz ISM, GSM and RFID.

✓RoHS 800/900 MHz Range Extender Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
RE905U-SM	G	5 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable SMA Male Connector	19.99	17.99	15.99	13.99	11.99
RE905U-TM	G	5 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable TNC Male Connector	19.99	17.99	15.99	13.99	11.99
RE905U-RSP	G	5 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable RP SMA Plug Connector	19.99	18.39	16.79	15.19	13.59
RE905U-NM	G	5 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable N Male Connector	24.99	22.49	19.99	17.49	14.99

✓RoHS 900/1800-1900 MHz Range Extender Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
RE1903U-MC	G	3 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable MC-Card Connector	15.99	14.39	12.79	11.19	CALL
RE1903U-NM	G	3 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable N Male Connector	22.99	20.69	18.39	16.09	13.79
RE1903U-SM	G	3 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable SMA Male Connector	17.99	16.19	14.39	12.59	10.79
RE1903U-SNP	G	3 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable SMA-Nano Connector	15.99	14.39	12.79	11.19	CALL
RE1903U-TM	G	3 dBi, Integral MAG Mount Omni 4ft (1.2m) Cable TNC Male Connector	22.99	20.69	18.39	16.09	13.79

✓RoHS 1.2 GHz Range Extender Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
RE1208P-SM	E	8 dBi, 8in (20.3cm) Sq., 3ft (0.9m) Pigtail with SM Male Connector	29.99	28.49	26.99	25.49	CALL

✓RoHS 2.4 GHz Range Extender Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
RE05ER-MC	F	5 dBi, 19in (22.9cm) Cable with MC-Card Connector	13.99	12.87	11.75	10.63	9.51
RE05ER-MM	F	5 dBi, 19in (22.9cm) Cable with MMCX Connector	15.99	14.71	13.43	12.15	10.87
RE05ET-RSP	F	5 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-SMA Plug Connector	14.99	13.49	11.99	10.49	8.99
RE05U-MM	G	5 dBi, Integral MAG Mount, 4ft (1.2m) Cable with MMCX Connector	9.99	8.99	7.99	6.99	5.99
RE05U-RSP	G	5 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-SMA Plug Connector	9.99	8.99	7.99	6.99	5.99
RE05U-RTP	G	5 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-TNC Plug Connector	9.99	8.99	7.99	6.99	5.99
RE06P-RSP	E	6 dBi, 4in (10.2cm) Sq., 4ft (1.2m) Cable with RP-SMA Plug Connector	26.99	24.83	22.67	20.51	18.35
RE06P-RTP	E	6 dBi, 4in (10.2cm) Sq., 4ft (1.2m) Cable with RP-TNC Plug Connector	26.99	24.83	22.67	20.51	18.35
RE07U-MM	G	7 dBi, Integral MAG Mount, 4ft (1.2m) Cable with MMCX Connector	14.99	13.49	11.99	10.49	8.99
RE07U-RSP	G	7 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-SMA Plug Connector	14.99	13.49	11.99	10.49	8.99
RE07U-RTP	G	7 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-TNC Plug Connector	14.99	13.79	12.59	11.39	CALL
RE08P-RSP	H	8 dBi, 4in (10.2cm) Round, 4ft (1.2m) Cable with RP-SMA Plug Connector	31.99	28.79	25.59	22.39	19.19
RE08P-RTP	H	8 dBi, 4in (10.2cm) Round, 4ft (1.2m) Cable with RP-TNC Plug Connector	31.99	28.79	25.59	22.39	19.19
RE09U-RSP	D	8 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-SMA Plug Connector	59.99	56.39	52.79	49.19	45.59
RE09U-RTP	D	8 dBi, Integral MAG Mount, 4ft (1.2m) Cable with RP-TNC Plug Connector	59.99	56.39	52.79	49.19	45.59
RE09P-RSP	E	8 dBi, 4in (10.2cm) Sq., 4ft (1.2m) Cable with RP-SMA Plug Connector	29.99	26.99	23.99	20.99	17.99
RE09P-RTP	E	8 dBi, 4in (10.2cm) Sq., 4ft (1.2m) Cable with RP-TNC Plug Connector	29.99	27.59	25.19	22.79	20.39
RE11DP-RSP	E	11 dBi, 8in (20.3cm) Sq., Dual Polarized, 3ft (0.9m) Cables with RP-SMA Plug Con.	29.99	27.59	25.19	22.79	CALL
RE11DP-RTP	E	11 dBi, 8in (20.3cm) Sq., Dual Polarized, 3ft (0.9m) Cables with RP-TNC Plug Con.	31.99	29.43	26.87	24.31	CALL
RE11DS-RSP	E	11 dBi, 8in (20.3cm) Sq., Dual Spatial, 3ft (0.9m) Cables with RP-SMA Plug Con.	29.99	27.59	25.19	22.79	CALL
RE11DS-RTP	E	11 dBi, 8in (20.3cm) Sq., Dual Spatial, 3ft (0.9m) Cables with RP-TNC Plug Con.	31.99	29.43	26.87	24.31	CALL
RE14P-RSP	E	14 dBi, 8in (20.3cm) Sq., 3ft (0.9m) Cable with RP-SMA Plug Connector	34.99	31.49	27.99	24.49	CALL
RE14P-RTP	E	14 dBi, 8in (20.3cm) Sq., 3ft (0.9m) Cable with RP-TNC Plug Connector	34.99	31.49	27.99	24.49	CALL

To see our full line of Range Extender Antennas go to L-com.com.

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Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

Parabolic Dish Antennas - Superior Strength Design Ensures Durability

Our WiFi parabolic dish antennas feature a high quality aluminum reflector dish for superior strength. The dish is coated in a light gray UV-inhibited polymer for durability and aesthetics. These directional dish antennas can be used in point to point as well as point to multipoint applications.

Built to withstand the elements, HyperLink™ dish antennas offer high performance at competitive prices. When designing these WiFi parabolic dish antennas, our design team factored in requirements such as location usage and environmental extremes. From versatile mounting options to features such as perforated reflectors, these antennas were built to withstand the test of time while maintaining optimal performance.

- Point-to-point systems
- Point-to-multipoint systems
- High quality aluminum construction
- All weather operation
- Many frequencies to choose from
- RoHS compliant

RoHS 2.4 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2414D	D	14 dBi, 260mm Dia, Integral N Female Connector	35.99	34.19	32.39	30.59	CALL

RoHS 3.5 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG3515D	A	15 dBi, 196mm Dia, Integral N Female Connector	34.99	32.19	29.39	26.59	23.79
HG3516D	A	16 dBi, 246mm Dia, Integral N Female Connector	49.99	45.99	41.99	37.99	CALL

RoHS 4.9 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG4931D	B	30.5 dBi, 900mm Dia, Integral N Female Connector	249.99	242.49	234.99	227.49	CALL

RoHS 4.9-5.8 GHz Dual Polarity Dish Antennas

Because of its' superb electrical performance and mechanical stability, the parabolic dish antenna can be used in a wide variety of high performance 4.9 GHz and 5 GHz range (5.1/5.3/5.4/5.8 GHz) wireless applications. The wide band design of this antenna eliminates the need to purchase different antennas for each frequency. This simplifies installations since the same antenna can be used for a wide array of wireless applications. This antenna features 28 - 30 dBi of gain with a 4.8° horizontal beam-width and 4.9° vertical beam-width.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG4958DP-30D	B	4.9-5.8 GHz 30 dBi, Dual Polarity Dish Antenna, N Female Connector	284.99	276.44	267.89	259.34	250.79
HG4958DP-34D	B	4.9-5.8 GHz 34 dBi, Dual Polarity Dish Antenna, N Female Connector	364.99	354.04	343.09	332.14	321.19

RoHS 5.3 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5328D	B	28 dBi, 600mm Dia, Integral N Female Connector	167.99	162.95	157.91	152.87	CALL

RoHS 5.4 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5423D	B	23 dBi, 400mm Dia, Integral N Female Connector	129.99	124.79	119.59	110.49	97.49
HG5428D	B	28 dBi, 600mm Dia, Integral N Female Connector	167.99	159.59	151.19	142.79	CALL
HG5432D	B	32 dBi, 900mm Dia, Integral N Female Connector	239.99	232.79	225.59	218.39	CALL

RoHS 5.8 GHz Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5817D	A	17 dBi, 246mm Dia, Integral N Female Connector	41.99	39.89	37.79	35.69	CALL
HG5824D	B	24 dBi, 400mm Dia, Integral N Female Connector	137.99	132.47	126.95	117.29	103.49
HG5829D	B	29 dBi, 600mm Dia, Integral N Female Connector	169.99	161.49	152.99	144.49	CALL
HG5833D	B	33 dBi, 900mm Dia, Integral N Female Connector	254.99	247.34	239.69	232.04	CALL

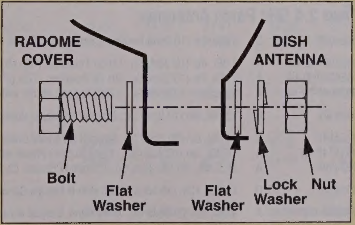
RoHS 5.1/5.8 GHz Broadband Dish Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5158D	C	30 dBi, Offset Feed, 830mm Dia, Integral N Female Connector	157.99	153.25	148.51	143.77	CALL
HG5158-28D	B	28 dBi, 600mm Dia, Integral N Female Connector	169.99	161.49	152.99	144.49	CALL
HG5158-31D	B	31 dBi, 900mm Dia, Integral N Female Connector	259.99	246.99	233.99	220.99	CALL
HG5158DP-29D	B	28.5 dBi, Dual Polarized, 600mm Dia, Integral N Female Connector	259.99	246.99	233.99	220.99	CALL
HG5158DP-32D	B	32 dBi, Dual Polarized, 900mm Dia, Integral N Female Connector	339.99	322.99	305.99	288.99	CALL

Tip *Easily attach a radome cover*

L-com's HyperLink™ radome kits bolt directly to the dish antennas with the provided stainless steel hardware. Drilling mounting holes in the antenna is not required. The radome cover can be attached to existing antennas already mounted in the field or preassembled to the antenna before mounting.

The Radome offers protection to the antenna from the elements, such as Ice, Sleet, Hail, Dust and Blowing Dirt/Sand. It also streamlines the aerodynamic shape of the antenna, reducing the wind loading on the face. The Radome thus contributes to extending the life of the antenna and the installation.



RoHS Radome Cover Kits

HyperLink™ radome covers are an ideal way to provide additional protection to our parabolic dish antennas. These lightweight radome kits feature fiberglass construction and UV stable gray finish. Drain holes are provided on the radome cover to help prevent moisture build-up inside the dish antenna.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HGR-04	Radome Cover Kit for 400mm Dia Dish	42.99	39.55	36.11	32.67	29.23
HGR-06	Radome Cover Kit for 600mm Dia Dish	54.99	51.69	48.39	45.09	41.79
HGR-09	Radome Cover Kit for 900mm Dia Dish	64.99	62.39	59.79	55.24	48.74

To see our entire product offering
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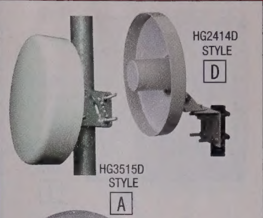
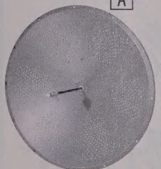
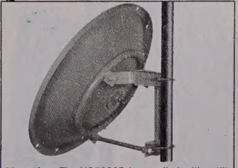
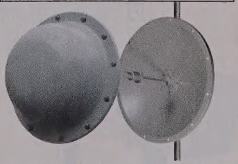



Perforated holes in the 900mm diameter dish antennas help reduce wind loading.

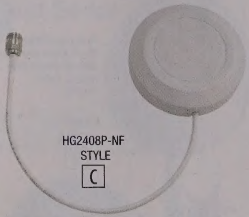

Mounting: The HG5829D is supplied with a tilt and swivel mast mount kit which allows installation at various degrees of incline for easy alignment. It can be adjusted up or down from 0°-30°.

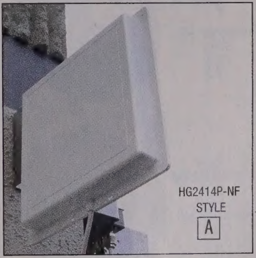

Fiberglass Cover Kits - Protects against the elements.

"STYLE" refers to shape of antenna in series.

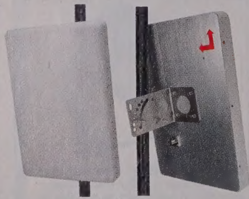
L-com® Global Connectivity

HG2414PEV
STYLE
J


HG2408P-NF
STYLE
C


HG2414P-NF
STYLE
A

HG2416P
STYLE
A


HG2418P
STYLE
D

New
HG2410DP
STYLE
B

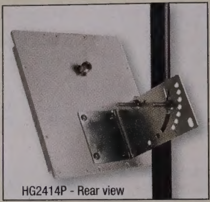
"STYLE" refers to shape of antenna in series.

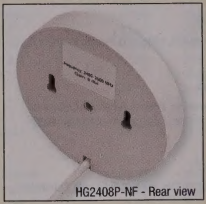
HyperLink™ Patch and Panel Antennas - Compact and Lightweight

These high performance directional patch and panel antennas are available for indoor and outdoor applications covering multiple popular frequencies. Our patch antennas are lightweight and feature aesthetic UV-stable, UL flame rated plastic radomes which can also be painted to match the room or building structure. Designed to be installed for horizontal or vertical polarization, they can be wall or ceiling mounted, as well as mast mounted using U-bolts. Designed specifically as cost-effective solutions for today's demanding wireless applications, HyperLink™ patch and panel antenna products offer a unique combination of superior all-weather performance, durability and aesthetics. Applications include IEEE 802.11b/g/n, 900 MHz cellular, RFID, 802.16, 802.20 and WiMAX.

- Point-to-point systems
- Public wireless hotspot
- Easy to install
- Point-to-multipoint systems
- RoHS compliant
- Indoor and outdoor models available

Mast Mounting:
L-com's patch antennas offer several unique mounting options. They can be mounted flat against a wall, or to a mast using a pair of 2 inch U-bolts. The antennas also accept most tilt-and-swivel security camera brackets equipped with standard 1/4-20 threads.


HG2414P - Rear view


HG2408P-NF - Rear view

Flush Mount:
The HG2408P-NF can be mounted flat against the wall or ceiling. Its unique design allows the cable to exit out of the side or from the back of the unit which is ideal for mounting in locations that require the cable to be hidden.

HyperLink™ Patch and Panel Antennas - Compact and Lightweight

These are low cost high gain antennas that come with their own enclosure space within the antenna radome. Mount your wireless card radio behind the antenna and seal the radome. All come with quick connect CAT5/6 connections. Antenna pigtail cable options are RP-SMA Plug, RP-TNC Plug, MMCX and UFL (with others available).

☑RoHS HyperLink™ Family of 2.4 GHz, 3.5 GHz and 5.1-5.8 GHz Panel Enclosure Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2414PEV	J	2.4 GHz 14 dBi Panel Enclosure Antenna	44.99	43.19	41.39	39.59	37.79
HG2414PEV-MMCX	J	2.4 GHz 14 dBi Panel Enclosure Antenna, MMCX Antenna Cable	49.99	47.99	45.99	43.99	41.99
HG2414PEV-RSP	J	2.4 GHz 14 dBi Panel Enclosure Antenna, RP-SMA Plug Antenna Cable	49.99	47.99	45.99	43.99	41.99
HG2414PEV-RTP	J	2.4 GHz 14 dBi Panel Enclosure Antenna, RP-TNC PLug Antenna Cable	49.99	47.99	45.99	43.99	41.99
HG2414PEV-UFL	J	2.4 GHz 14 dBi Panel Enclosure Antenna, UFL Antenna Cable	49.99	47.99	45.99	43.99	41.99
HG3514PEV	J	3.5 GHz 14 dBi Panel Enclosure Antenna	49.99	47.99	45.99	43.99	41.99
HG3514PEV-MMCX	J	3.5 GHz 14 dBi Panel Enclosure Antenna, MMCX Antenna Cable	54.99	52.79	50.59	48.39	46.19
HG3514PEV-RSP	J	3.5 GHz 14 dBi Panel Enclosure Antenna, RP-SMA Plug Antenna Cable	54.99	52.79	50.59	48.39	46.19
HG3514PEV-RTP	J	3.5 GHz 14 dBi Panel Enclosure Antenna, RP-TNC PLug Antenna Cable	54.99	52.79	50.59	48.39	46.19
HG3514PEV-UFL	J	3.5 GHz 14 dBi Panel Enclosure Antenna, UFL Antenna Cable	54.99	52.79	50.59	48.39	46.19
HG5158PEV	J	5.1 GHz to 5.8 GHz 18 dBi Panel Enclosure Antenna	54.99	52.79	50.59	48.39	46.19
HG5158PEV-MMCX	J	5.1 GHz to 5.8 GHz 18 dBi Panel Enclosure Antenna, MMCX Antenna Cable	59.99	57.59	55.19	52.79	50.39
HG5158PEV-RSP	J	5.1 GHz to 5.8 GHz 18 dBi Panel Enclosure Antenna, RP-SMA Plug Antenna Cable	59.99	57.59	55.19	52.79	50.39
HG5158PEV-RTP	J	5.1 GHz to 5.8 GHz 18 dBi Panel Enclosure Antenna, RP-TNC PLug Antenna Cable	59.99	57.59	55.19	52.79	50.39
HG5158PEV-UFL	J	5.1 GHz to 5.8 GHz 18 dBi Panel Enclosure Antenna, UFL Antenna Cable	59.99	57.59	55.19	52.79	50.39

☑RoHS 900 MHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG908P-NF	A	8 dBi, 8in (20.3cm) Sq., 12in (30.5cm) Pigtail with N Female Connector	44.99	40.49	35.99	31.49	26.99
HG908P-SM	A	8 dBi, 8in (20.3cm) Sq., 12in (30.5cm) Pigtail with SMA Male Connector	54.99	49.49	43.99	38.49	32.99

☑RoHS 1.9 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG1908P-NF	A	8 dBi, 4in (10.2cm) Sq., 12in (30.5cm) Pigtail with N Female Connector	39.99	35.99	31.99	27.99	23.99
HG1912P-NF	A	12 dBi, 8in (20.3cm) Sq., 12in (30.5cm) Pigtail with N Female Connector	49.99	48.49	46.99	45.49	CALL

☑RoHS 2.4 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2408P-NF	C	8 dBi, 4in (10.2cm) Round, 12in (30.5cm) Pigtail with N Female Connector	24.99	22.49	19.99	17.49	14.99
HG2409PCL-NF	A	8 dBi, 4in (10.2cm) Sq., LH Cir Polarized, 12in (30.5cm) Pigtail with N Female Con.	14.99	13.79	12.59	11.39	10.19
HG2409PCR-NF	A	8 dBi, 4in (10.2cm) Sq., RH Cir Polarized, 12in (30.5cm) Pigtail with N Female Con.	28.99	26.09	23.19	20.29	17.39
HG2409P-NF	A	8 dBi, 4in (10.2cm) Sq., 12in (30.5cm) Pigtail with N Female Connector	28.99	26.09	23.19	20.29	17.39
HG2412P	B	12 dBi, 4in (10.2cm) Sq., Integral N Female Connector	25.99	23.91	21.83	19.75	17.67
HG2414P	A	14 dBi, 8in (20.3cm) Sq., Integral N Female Connector	36.99	34.03	31.07	28.11	25.15
HG2414P-NF	A	14 dBi, 8in (20.3cm) Sq., 12in (30.5cm) Pigtail with N Female Connector	32.99	31.01	29.03	27.05	25.07
HG2416P	A	15.5 dBi, 8in (20.3cm) Sq., Integral N Female Connector	47.99	44.15	40.31	36.47	32.63
HG2418P	D	18 dBi, 12in (30.5cm) Pigtail with N Female Connector	52.99	50.34	47.69	45.04	CALL
HG2458-09P	A	9 dBi, 8in (20.3cm) Sq., Multi-Band, Integral N Female Connector	69.99	64.39	58.79	53.19	47.59

☑RoHS 2.4 GHz Dual Polarized Mini Panel Antenna

This very compact panel 2.4 GHz multiple-input and multiple-output (MIMO) patch antenna is designed to operate with many manufacturers' enterprise-class 802.11n MIMO access points (APs). The antenna features two integrated 2.4 GHz patch antennas in one enclosure, making it an ideal and aesthetically pleasing antenna to support demanding indoor or outdoor applications in next generation IEEE 802.11n wireless communication systems.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2410DP	B	10 dBi, Dual Polarized Mini Panel with N Female Connector	29.99	27.59	25.19	22.79	20.39

Call for special connectors and cable lengths

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RoHS 2.4 GHz Wide Angle Patch Antennas

These compact 2.4 GHz WiFi antennas provide 5 dBi Gain with broad horizontal beam width of 135 degrees. They are ideally suited for applications requiring coverage of a wide area such as an office, public hotspot, Industrial or warehouse use. These antennas are lightweight and feature an aesthetic UV-stable, white ABS UL Flame Rated radome and can also be painted to match the room or building structure. The HG2405P-135 can be installed for horizontal or vertical polarization.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2405P-135-NF	E*	5 dBi, Wide Angle, 12in (30.5cm) N Female Connector	32.99	31.01	29.03	27.05	25.07
HG2405P-135-NM	E*	5 dBi, Wide Angle, 4ft (1.2m) N Male Connector	32.99	31.01	29.03	27.05	25.07
HG2405P-135-RSP	E*	5 dBi, Wide Angle, 4ft (1.2m) RP-SMA Plug Connector	32.99	31.01	29.03	27.05	25.07
HG2405P-135-RTP	E*	5 dBi, Wide Angle, 4ft (1.2m) RP-TNC Plug Connector	32.99	31.01	29.03	27.05	25.07
HG2405SD-135-NF	E	5 dBi, Wide Angle Spatial Diversity, 12in (30.5cm) Dual N Female Connectors	37.99	34.95	31.91	28.87	25.83
HG2405SD-135-NM	E	5 dBi, Wide Angle Spatial Diversity, 4ft (1.2m) Dual N Male Connectors	39.99	36.79	33.59	30.39	27.19
HG2405SD-135-RSP	E	5 dBi, Wide Angle Spatial Diversity, 4ft (1.2m) Dual RP-SMA Plug Connectors	39.99	36.79	33.59	30.39	27.19
HG2405SD-135-RTP	E	5 dBi, Wide Angle Spatial Diversity, 4ft (1.2m) Dual RP-TNC Plug Connectors	39.99	36.79	33.59	30.39	27.19

*Similar to this antenna, but with one antenna lead.

RoHS 2.4/5.8 GHz Wide Angle Patch Antennas

These compact 2.4/5.8 GHz WiFi antennas provide Dual Frequency diversity to improve connectivity and data throughput. They provide wide angle pattern to give the provider excellent area coverage from one antenna site.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458-5P-135-NF	E	5 dBi, Wide Angle, 12in (30.5cm) N Female Connector	39.99	36.79	33.59	30.39	27.19
HG2458-5P-135-NM	E	5 dBi, Wide Angle, 12in (30.5cm) N Female Connector	41.99	38.63	35.27	31.91	28.55
HG2458-5P-135-RSP	E	5 dBi, Wide Angle, 12in (30.5cm) N Female Connector	41.99	38.63	35.27	31.91	28.55
HG2458-5P-135-RTP	E	5 dBi, Wide Angle, 12in (30.5cm) N Female Connector	41.99	38.63	35.27	31.91	28.55

RoHS 2.4/5.8 GHz Patch Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458-09P	A	9 dBi, Flat Patch, with Integral N Female Connector	69.99	64.39	58.79	53.19	47.59
HG2458-20P	A	20 dBi, 2.4 GHz/5.1-5.8 GHz Flat Patch, with Integral N Female Connector	124.99	119.99	114.99	109.99	104.99
HG2458-14DP-3NF	A	14 dBi, 2.4 GHz/5.8 GHz Dual Polarized Panel with N Female Connector	124.99	112.49	99.99	87.49	74.99

RoHS 2.6 GHz Patch Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2614P-NF	A	14 dBi, 8in (20.3cm) Square, 12in (30.5cm) Pigtail with N Female Connector	44.99	40.49	35.99	31.49	26.99

Tip *Custom Manufacturing*

L-com is unique among most WiFi antenna vendors by also being an antenna manufacturer. Being a manufacturer allows us to provide custom variations of all the antennas we manufacture in house or resell. A typical custom request may be to change the length of an antenna lead or pigtail to accommodate a specific installation of the antenna. Another may be a change to the connector or connectors required for a specific radio connection. In most cases we can ship out a large custom order in less than a week. Small custom orders are usually shipped on the same day they are received. L-com offers a broad range of antenna types covering 800 – 6000 MHz. Learn more at L-com.com.

3.5 GHz, 4.9 GHz, 5.1 GHz, 5.3 GHz, 5.4 GHz and 4.9/5.8 GHz Patch Antennas

L-com's extensive line of patch antennas that cover frequencies from 3.5 to 5.8 GHz are ideal for applications such as WiMax and public safety. Several of the patch antennas are broadband/multi-band antennas that eliminate the need to purchase different antennas for each frequency being used. This simplifies installations since the same antenna can be used for a wide array of wireless applications.

RoHS 3.5 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG3509P-NF	A	8 dBi, 4in (10.2cm) Square, 12in (30.5cm) Pigtail with N Female Connector	39.99	35.99	31.99	27.99	23.99
HG3514P-NF	A	14 dBi, 8in (20.3cm) Square, 12in (30.5cm) Pigtail with N Female Connector	49.99	44.99	39.99	34.99	29.99

RoHS 4.9 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG4953P	A	8 dBi, 4in (10.2cm) Square, Broadband, Integral SMA Male Connector	49.99	44.99	39.99	34.99	29.99
HG4911P	A	11 dBi, 4in (10.2cm) Square, Integral SMA Female Connector	49.99	44.99	39.99	34.99	29.99

RoHS 5.3 GHz Patch Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5311P	A	11 dBi, 4in (10.2cm) Square, Integral SMA Female Connector	49.99	44.99	39.99	34.99	29.99

RoHS 5.4 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5411P	A	11 dBi, 4in (10.2cm) Square, Integral SMA Female Connector	49.99	47.99	45.99	42.49	37.49
HG5419P	A	19 dBi, 7in (17.8cm) Square, Integral N Female Connector	49.99	47.49	44.99	42.49	CALL

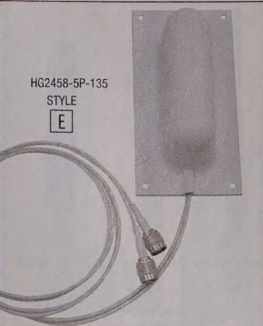
RoHS 5.8 GHz Patch Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5811P	A	11 dBi, 4in (10.2cm) Square, Integral SMA Female Connector	49.99	44.99	39.99	34.99	29.99
HG5819P	A	19 dBi, 7in (17.8cm) Square, Integral N Female Connector	49.99	47.49	44.99	42.49	CALL
HG5158P	A	8 dBi, 4in (10.2cm) Square, Broadband, Integral SMA Female Connector	49.99	44.99	39.99	34.99	29.99
HG5158-23P	A	23 dBi, 12in (30.5cm) Square, Broadband, Integral N Female Connector	82.99	80.50	78.01	75.52	73.03

RoHS 4.9 to 5.8 GHz Broadband Patch Antenna

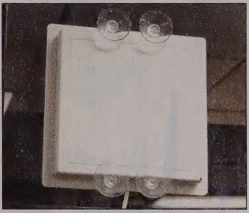
Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG4958-23P	A	23 dBi, 12in (30.5cm) Square, Broadband, Integral N Female Connector	82.99	80.50	78.01	75.52	73.03

Call for special connectors and cable lengths

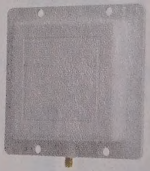


HG2458-5P-135
STYLE
E

HG2458-14DP-3NF
STYLE
A



HG3514P-NF - Shown with HGX-PMT08 window mount kit. See L-com.com for more mounting options.



HG4911P
STYLE
A

HG5158-23P
STYLE
A

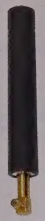
"STYLE" refers to shape of antenna in series.

Informative e-mail newsletters
Our newsletters are packed with tips, tutorials, product info and downloads! L-com.com/Newsletter

L-com® Global Connectivity

HG903RD-RSP
STYLE
B

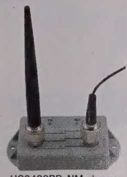
HG905RDR-RSP
STYLE
B

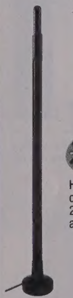

HG2401RD-MMCX
STYLE
C

HG924-2TP-RSP
STYLE
G

HG2400RDR-RSP
STYLE
H

HG2400RDR90-RSP
STYLE
H


HG2403RD-NM shown on HA2401MG-1000 2.4 GHz compact amplifier


HG2407MGRD
STYLE
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HG2458-5RD-RSP
STYLE
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New

HG2458-7RDR-NM
STYLE
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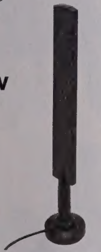
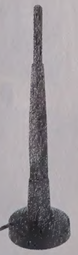

HG2458MGRD
STYLE
F


HG1903MGRD-SM
STYLE
D

"STYLE" refers to shape of antenna in series.

900 MHz, 1.9 GHz, 2.4/5.8 GHz and 3.5 GHz Rubber Duck Antennas

These high performance Omnidirectional rubber duck antennas provide broad coverage and multiple gain options. HyperLink™ flexible rubber duck antennas feature tilt-and-swivel connectors allowing them to be used vertically, at a right angle, or any angle in-between. Suitable as a replacement RF antenna for radios, wireless video transmitters and receivers, as well as digital spread spectrum radios.

☑RoHS 900 MHz Rubber Duck Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG903RD-RSP	B	3 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	10.99	9.89	8.79	7.69	6.59
HG903RD-SM	B	3 dBi, Integral Tilt/Swivel SMA Male Connector	10.99	9.89	8.79	7.69	6.59
HG905RD-RSP	B	5 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	19.99	17.99	15.99	13.99	11.99
HG905RD-SM	B	5 dBi, Integral Tilt/Swivel SMA Male Connector	19.99	17.99	15.99	13.99	11.99
HG905RDR-RSP	B	5 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	19.99	17.99	15.99	13.99	11.99

☑RoHS 800 MHz/2.4 GHz Tri Band/Quad Band WiFi Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG924-2TP-RSP	G	2 dBi, QUAD Band/WiFi 2.4 GHz Patch, with RP-SMA Plug Connector	14.99	14.09	13.19	12.29	11.39

☑RoHS 1.9 GHz Rubber Duck Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG1903RD-RSP	B	3 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	9.99	8.99	7.99	6.99	5.99

☑RoHS 2.4 GHz Rubber Duck Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2400RDR-RSP	H	0 dBi, Stubby Integral Rigid RP-SMA Plug Connector	7.99	7.19	6.39	5.59	4.79
HG2400RDR90-RSP	H	0 dBi, Stubby Integral Rigid 90° RP-SMA Plug Connector	8.49	7.64	6.79	5.94	5.09
HG2401RD-MMCX	C	1 dBi, Integral Right Angle Fixed Mount MMCX Connector	4.99	4.79	4.59	4.24	3.74
HG2401RD-MC	C	1 dBi, Integral Right Angle Fixed Mount MC-Card Connector	2.99	2.96	2.93	2.90	2.87
HG2402RD-RSF	B	2.2 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	5.99	5.39	4.79	4.19	3.59
HG2402RDR-RSP	B	2 dBi, Integral Rigid RP-SMA Plug Connector	6.49	5.84	5.19	4.54	3.89
HG2403RD-NM	B	3 dBi, Integral Tilt/Swivel N Male Connector	7.99	7.19	6.39	5.59	4.79
HG2403RD-RSF	B	3 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	7.99	7.19	6.39	5.59	4.79
HG2403RD-RTF	B	3 dBi, Integral Tilt/Swivel RP-TNC Plug Connector	7.99	7.19	6.39	5.59	4.79
HG2405RD-NM	B	5 dBi, Integral Tilt/Swivel N Male Connector	14.99	13.49	11.99	10.49	8.99
HG2405RD-RSP	B	5 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	9.99	8.99	7.99	6.99	5.99
HG2405RD-RTP	B	5 dBi, Integral Tilt/Swivel RP-TNC Plug Connector	9.99	8.99	7.99	6.99	5.99
HG2407RD-NM	B	7 dBi, Integral Tilt/Swivel N Male Connector	14.99	13.49	11.99	10.49	8.99
HG2407RD-RSP	B	7 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	12.99	11.69	10.39	9.09	7.79
HG2407RD-RTP	B	7 dBi, Integral Tilt/Swivel RP-TNC Plug Connector	12.99	11.69	10.39	9.09	7.79
HG2407RD-SM	B	7 dBi, Integral Tilt/Swivel SM Male Connector	14.99	13.49	11.99	10.49	8.99
HG2409RD-NM	B	9 dBi, Integral Tilt/Swivel N Male Connector	22.99	20.69	18.39	16.09	13.79
HG2409RD-RSP	B	9 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	18.99	17.09	15.19	13.29	11.39
HG2409RD-RTP	B	9 dBi, Integral Tilt/Swivel RP-TNC Plug Connector	18.99	17.09	15.19	13.29	11.39
HG2409RD-SM	B	9 dBi, Integral Tilt/Swivel SM Male Connector	18.99	17.09	15.19	13.29	11.39

☑RoHS 3.5 GHz Rubber Duck Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG3505RD-RSP	B	5 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	14.99	13.49	11.99	10.49	8.99

☑RoHS 2.4/5.8 GHz Multi-Band Rubber Duck Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458-5RD-RSP	A	3/5 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	16.99	15.29	13.59	11.89	10.19
HG2458RD-RSP	B	3 dBi, Integral Tilt/Swivel RP-SMA Plug Connector	12.99	11.69	10.39	9.09	7.79
HG2458RD-SM	B	3 dBi, Integral Tilt/Swivel SM Male Connector	12.99	11.69	10.39	9.09	7.79
HG2458RD-TM	B	3 dBi, Integral Tilt/Swivel TNC Male Connector	6.49	6.10	5.71	5.32	4.93

1.9 GHz, 2.4 GHz Rubber Duck Desktop Mobile Antennas

L-com's Omnidirectional rubber duck wireless LAN antennas provide broad coverage and 3-9 dBi gain. These magnetic mount antennas feature a coaxial sleeve design with an Omnidirectional pattern. These antennas were designed for IEEE 802.11b/g/n wireless LANs and 1.9 GHz cellular PCS radio applications. Mobile applications for these antennas include service vehicles, public transportation, mining vehicles, as well as numerous other commercial and industrial applications where mobility is required. The magnetic base is suitable for affixing to vehicles or other metal surfaces as well as sitting on a tabletop or shelf.

☑RoHS 1.9 GHz Rubber Duck Antennas with Magnetic Mount

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG1903MGRD-SM	D	3 dBi, 5ft (1.5m) Cable with SMA Male Connector	19.99	19.39	18.79	18.19	CALL
HG1903MGRD-SNP	D	3 dBi, 5ft (1.5m) Cable with SMA-Nano Connector	19.99	19.39	18.79	18.19	CALL

☑RoHS 2.4 GHz Rubber Duck Antennas with Magnetic Mount

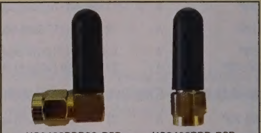
Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2407MGRD-RSP	E	7 dBi, 5ft (1.5m) Cable with RP-SMA Plug Connector	19.99	18.99	17.99	16.99	CALL
HG2407MGRD-RTP	E	7 dBi, 5ft (1.5m) Cable with RP-TNC Plug Connector	19.99	18.99	17.99	16.99	CALL
HG2409MGRD-RSP	E	9 dBi, 5ft (1.5m) Cable with RP-SMA Plug Connector	25.99	24.43	22.87	21.31	19.75
HG2409MGRD-RTP	E	9 dBi, 5ft (1.5m) Cable with RP-TNC Plug Connector	25.99	24.43	22.87	21.31	19.75

☑RoHS 2.4/5.8 GHz Multi-Band Rubber Duck Antennas with Magnetic Mount

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458MGRD-RSP	F	3/5 dBi, 5ft (1.5m) Cable with RP-SMA Plug Connector	24.99	23.99	22.99	21.24	18.74
HG2458MGRD-RTP	F	3/5 dBi, 5ft (1.5m) Cable with RP-TNC Plug Connector	24.99	23.99	22.99	21.24	18.74
HG2458-7RDR-NM	I	7 dBi, Rigid Rubber Duck with N Male Connector	21.99	19.79	17.59	15.39	13.19

Tip *Rubber Duck Antennas*

Rubber Duck antennas usually come with an articulated "Swivel" joint, permitting the antenna base to pivot 90°. The antenna can also be ordered with a "Rigid" connector base, when the swivel is not required or needed. These antennas are numbered with an "RDR" suffix after the basic part number. The base can also have a "Rigid 90°" connector base which carries the "RDR90" suffix. If your application requires these options, please inquire about special orders at reasonable pricing.


HG2400RDR90-RSP
HG2400RDR-RSP

"I was searching for a few things and bought using your web-based checkout. Everything looks and works perfect for me. Easy to find things and easy to understand step-by-step payment process. I was really glad to use it! Thank you very much." - Timur Barakhoev, Survey Supervisor, PGS Onshore

900 MHz, 2.4 GHz, 5.4 GHz and 5.8 GHz Sectorial Omnidirectional Array Antennas

L-com's sector antennas are designed for Cell Site installations and include a variety of gain, frequency and radiation patterns. These WiFi antennas feature our unique heavy-duty mounting systems that allow installation from level to over 20 degrees down-tilt. In addition, 90, 120 and 180 degree arrays are available supporting a wide range of applications. These antennas feature stainless steel construction for all-weather operation.

RoHS 900 MHz Sectorial Array Antennas

Item #	Style	Description	1-4	5-9	10-24	25+
HK913-120	A	13 dBi, Multi-Feed, Includes (3) 120° Antenna with Mounting Array	799.99	759.99	719.99	679.99
HK913-120NF	A	13 dBi, Single-Feed, Includes (3) 120° Antenna with Mounting Array, Splitter, 3 Cables	924.99	878.74	832.49	786.24

RoHS 2.4 GHz Sectorial Array Antennas

Item #	Style	Description	1-4	5-9	10-24	25+
HK2414-090	A	14 dBi, Multi-Feed, Includes (4) 90° Antenna with Mounting Array	649.99	584.99	519.99	454.99
HK2414-090NF	A	14 dBi, Single-Feed, Includes (4) 90° Antenna with Mounting Array, Splitter, 4 Cables	799.99	719.99	639.99	559.99
HK2414-120	A	14 dBi, Multi-Feed, Includes (3) 120° Antenna with Mounting Array	499.99	449.99	399.99	349.99
HK2414-120NF	A	14 dBi, Single-Feed, Includes (3) 120° Antenna with Mounting Array, Splitter, 3 Cables	624.99	562.49	499.99	437.49
HK2414H-090	A	14 dBi, Multi-Feed, Includes (4) 90° H-Pol Antenna with Mounting Array	649.99	584.99	519.99	454.99
HK2414H-090NF	A	14 dBi, Single-Feed, Includes (4) 90° H-Pol Antenna with Mounting Array, Splitter, 4 Cables	799.99	719.99	639.99	559.99
HK2415-180	B	15 dBi, Multi-Feed, Includes (2) 180° Antenna with Mounting Array	999.99	899.99	799.99	699.99
HK2415-180NF	B	15 dBi, Single-Feed, Includes (2) 180° Antenna with Mounting Array, Splitter, 2 Cables	1099.99	989.99	879.99	769.99
HK2417-090	A	17 dBi, Multi-Feed, Includes (4) 90° Antenna with Mounting Array	739.99	665.99	591.99	517.99
HK2417-090NF	A	17 dBi, Single-Feed, Includes (4) 90° Antenna with Mounting Array, Splitter, 4 Cables	899.99	809.99	719.99	629.99
HK2417-120	A	17 dBi, Multi-Feed, Includes (3) 120° Antenna with Mounting Array	569.99	512.99	455.99	398.99
HK2417-120NF	A	17 dBi, Single-Feed, Includes (3) 120° Antenna with Mounting Array, Splitter, 3 Cables	699.99	629.99	559.99	489.99
HK2420-090	A	20 dBi, Multi-Feed, Includes (4) 90° Antenna with Mounting Array	1649.99	1484.99	1319.99	1154.99
HK2420-090NF	A	20 dBi, Single-Feed, Includes (4) 90° Antenna with Mounting Array, Splitter, 4 Cables	1799.99	1619.99	1439.99	1259.99
HK2420-120	A	20 dBi, Multi-Feed, Includes (3) 120° Antenna with Mounting Array	1249.99	1124.99	999.99	874.99
HK2420-120NF	A	20 dBi, Single-Feed, Includes (3) 120° Antenna with Mounting Array, Splitter, 3 Cables	1379.99	1241.99	1103.99	965.99

RoHS 5.4 GHz Sectorial Array Antennas

Item #	Style	Description	1-4	5-9	10-24	25+
HK5417-090	C	17 dBi, Multi-Feed, Includes (4) 90° Antenna with Mounting Array	649.99	584.99	519.99	454.99
HK5417-090NF	C	17 dBi, Single-Feed, Includes (4) 90° Antenna with Mounting Array, Splitter, 4 Cables	899.99	809.99	719.99	629.99

RoHS 5.8 GHz Sectorial Array Antennas

Item #	Style	Description	1-4	5-9	10-24	25+
HK5817-090	C	17 dBi, Multi-Feed, Includes (4) 90° Antenna with Mounting Array	649.99	584.99	519.99	454.99
HK5817-090NF	C	17 dBi, Single-Feed, Includes (4) 90° Antenna with Mounting Array, Splitter, 4 Cables	899.99	809.99	719.99	629.99
HK5817H-090	C	17 dBi, Multi-Feed, Includes (4) 90° H-Pol Antenna with Mounting Array	649.99	584.99	519.99	454.99
HK5817H-090NF	C	17 dBi, Single-Feed, Includes (4) 90° H-Pol Antenna with Mounting Array, Splitter, 4 Cables	899.99	809.99	719.99	629.99
HK5817H-120	A	17 dBi, Multi-Feed, Includes (3) 120° H-Pol Antenna with Mounting Array	539.99	485.99	431.99	377.99

900 MHz, 2.4 GHz, 3.5 GHz, 5.4 GHz, 5.8 GHz and Multi-Band 2.4/5.8 GHz Sectorial Panel Antennas

L-com's sectorial panel antennas are available in multiple frequencies, gain and 90-180 degrees. They can be used stand alone or in circular groups to maximize coverage and feature heavy-duty plastic radome for all-weather operation, with mounting systems that adjust to pinpoint direction.

RoHS 900 MHz Sectorial Panel Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG913P-120	D	13 dBi, 120°, Integral N Female Connector	249.99	237.49	224.99	212.49	199.99
HG911HSP-120	D	11 dBi, 120°, Horizontal Polarized, Integral N Female Connector	179.99	165.59	151.19	136.79	122.39
HG913DPSP-120	D	13 dBi, Dual Polarized, 2 Integral 7-16 DIN Connectors (NF Adapter Available)	379.00	348.68	318.36	288.04	CALL
HG913HSP-120	D	13 dBi, 120°, Horizontal Polarized, Integral N Female Connector	209.99	197.39	184.79	172.19	159.59

RoHS 2.4 GHz Sectorial Panel Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2414SP-090	D	14 dBi, 90°, Integral N Female Connector ANATEL Certified	149.99	137.99	125.99	113.99	101.99
HG2414SP-120	D	14 dBi, 120°, Integral N Female Connector	149.99	137.99	125.99	113.99	101.99
HG2414HSP-090-AN	D	14 dBi, 90°, Horizontal Polarized, N Female Connector ANATEL Certified	149.99	137.99	125.99	113.99	101.99
HG2414DP-090	D	14 dBi, 90°, Dual Polarized, 2 Integral N Female Connectors	179.99	169.19	158.39	147.59	136.79
HG2415P-180	E	15 dBi, 180°, Integral N Female Connector	479.99	431.99	383.99	335.99	287.99
HG2417P-090	D	17 dBi, 90°, Integral N Female Connector ANATEL Certified	172.99	166.07	159.15	147.04	129.74
HG2417P-120	D	17 dBi, 120°, Integral N Female Connector	172.99	166.07	159.15	147.04	129.74
HG2420P-090	D	20 dBi, 90°, Integral N Female Connector	399.95	359.95	319.96	279.96	239.97
HG2420P-120	D	20 dBi, 120°, Integral N Female Connector	399.95	359.95	319.96	279.96	239.97

RoHS 3.5 GHz Sectorial Panel Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG3515P-120	D	15 dBi, 120°, Integral N Female Connector	199.99	183.99	167.99	151.99	135.99

RoHS 5.4 GHz Sectorial Panel Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5417P-090	D	17 dBi, 90°, Integral N Female Connector	149.99	143.99	137.99	127.49	112.49

RoHS 5.8 GHz Sectorial Panel Antennas

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5817P-090	D	17 dBi, 90°, Integral N Female Connector	152.99	140.75	128.51	116.27	104.03
HG5817HSP-090	D	17 dBi, 90°, Horizontal Polarized, Integral N Female Connector	149.99	134.99	119.99	104.99	89.99
HG5817HSP-120	D	17 dBi, 120°, Horizontal Polarized, Integral N Female Connector	164.99	151.79	138.59	164.99	112.19

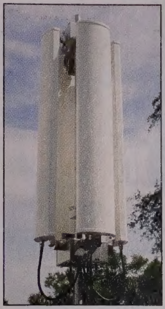
RoHS 2.4/5.8 GHz Sectorial Panel Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG2458-14P-090	D	14 dBi, 90°, 2 Integral N Female Connectors	189.99	174.79	159.59	144.39	129.19

RoHS 5.1/5.8 GHz Dual Band Sector Panel Antenna

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499
HG5158-16DB-090	D	16 dBi, 90°, Dual Band, 2 Integral N Female Connectors	164.99	151.79	138.59	125.39	112.19

Call for special connectors and cable lengths


HK2417-090NF
STYLE
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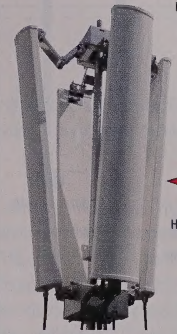
HK2415-180NF
STYLE
B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HK5817H-090NF
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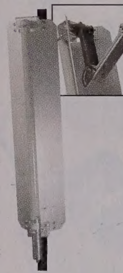
HG2415P-180
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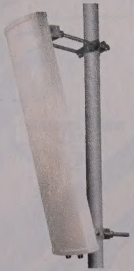
HG2458-14P-090
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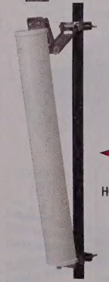
New

HG5817HSP-090
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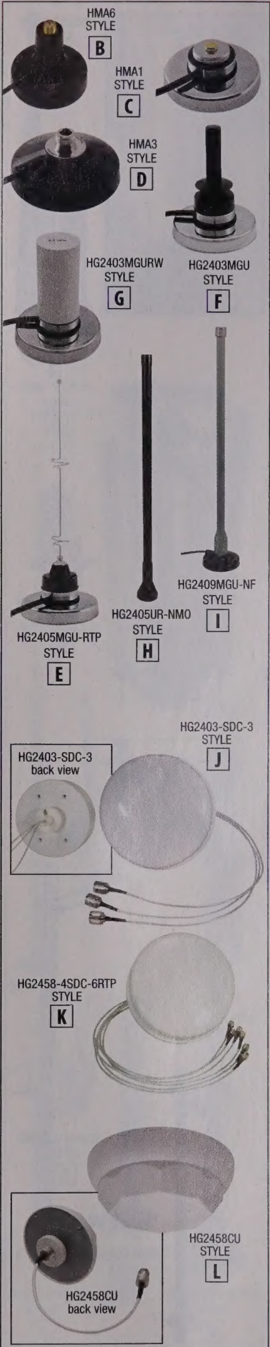
"STYLE" refers to shape of antenna in series.

We answer your technical questions

See a complete list of frequently asked questions at
L-com.com/FAQS



"STYLE" refers to shape of antenna in series.

Item #	Style	Description	1-9	10-24	25-99	100-249	250-499

2.4 GHz Mobile Mount Antennas - Built for Demanding Mobile Applications

Our extensive line of magnetic mount and mast mount mobile Omnidirectional antennas are perfect for demanding mobile applications including law enforcement, construction vehicles, and mobile metering. Several styles are offered with many frequency and gain choices supporting IEEE 802.11b/g/n.

- All weather construction
- IEEE 802.11b/g/n
- Bluetooth® and WiFi
- Magnetic and mast mount options
- RoHS compliant

☑RoHS Magnetic Mobile Mounts

HMA6-RSP05	B	RP-SMA Jack to RP-SMA Plug, 5ft (1.5m) 100-Series	14.99	13.49	11.99	10.49	CALL
HMA6-RSP10	B	RP-SMA Jack to RP-SMA Plug, 10ft (3.0m) 100-Series	27.99	25.19	22.39	19.59	CALL
HMA6-RTP05	B	RP-SMA Jack to RP-TNC Plug, 5ft (1.5m) 100-Series	19.99	18.79	17.59	16.39	15.19
HMA6-RTP10	B	RP-SMA Jack to RP-TNC Plug, 10ft (3.0m) 100-Series	24.99	23.49	21.99	20.49	18.99
HMA1-NFA10	C	NMO to N-Female, 10ft (3.0m) 195-Series	19.95	17.95	15.96	13.96	CALL
HMA1-NMA10	C	NMO to N-Male, 10ft (3.0m) 195-Series	19.95	17.95	15.96	13.96	CALL
HMA1-RSPA10	C	NMO to RP-SMA Plug, 10ft (3.0m) 195-Series	19.95	17.95	15.96	13.96	CALL
HMA1-RTPA10	C	NMO to RP-TNC Plug, 10ft (3.0m) 195-Series	21.95	20.19	18.44	16.68	14.93
HMA3-NFA10	D	N-Female to N-Female, 10ft (3.0m) 195-Series	24.99	22.49	19.99	17.49	14.99
HMA3-NMA10	D	N-Female to N-Male, 10ft (3.0m) 195-Series	24.99	22.49	19.99	17.49	14.99
HMA3-RSPA10	D	N-Female to RP-SMA Plug, 10ft (3.0m) 195-Series	24.99	22.49	19.99	17.49	14.99
HMA3-RTPA10	D	N-Female to RP-TNC Plug, 10ft (3.0m) 195-Series	24.99	22.49	19.99	17.49	14.99

☑RoHS 2.4 GHz Antennas with Magnetic Mobile Mounts

HG2403MGU-NM	F	3 dBi, Dual Band, 10ft (3.0m) Cable with N Male Connector	34.99	31.49	27.99	24.49	20.99
HG2403MGU-RSP	F	3 dBi, Dual Band, 10ft (3.0m) Cable with RP-SMA Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2403MGU-RTP	F	3 dBi, Dual Band, 10ft (3.0m) Cable with RP-TNC Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2403MGURW-NM	G	3 dBi, White Radome, 10ft (3.0m) Cable with N Male Connector	34.99	31.49	27.99	24.49	20.99
HG2403MGURW-RSP	G	3 dBi, White Radome, 10ft (3.0m) Cable with RP-SMA Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2403MGURW-RTP	G	3 dBi, White Radome, 10ft (3.0m) Cable with RP-TNC Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2403MGURB-NM	G	3 dBi, Black Radome, 10ft (3.0m) Cable with N Male Connector	34.99	31.49	27.99	24.49	20.99
HG2403MGURB-RSP	G	3 dBi, Black Radome, 10ft (3.0m) Cable with RP-SMA Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2403MGURB-RTP	G	3 dBi, Black Radome, 10ft (3.0m) Cable with RP-TNC Plug Connector	39.99	35.99	31.99	27.99	23.99
HG2405MGU-NM	E	5 dBi, 10ft (3.0m) Cable with N Male Connector	39.99	38.39	36.79	33.99	29.99
HG2405MGU-RSP	E	5 dBi, 10ft (3.0m) Cable with RP-SMA Plug Connector	49.99	47.99	45.99	42.49	37.49
HG2405MGU-RTP	E	5 dBi, 10ft (3.0m) Cable with RP-TNC Plug Connector	49.99	47.99	45.99	42.49	37.49
HG2409MGU-NF	I	8.5 dBi, 10ft (3.0m) Cable with N Female Connector	64.99	61.09	57.19	53.29	49.39
HG2409MGU-NM	I	8.5 dBi, 10ft (3.0m) Cable with N Male Connector	64.99	61.09	57.19	53.29	49.39
HG2409MGU-RSP	I	8.5 dBi, 10ft (3.0m) Cable with RP-SMA Plug Connector	74.99	70.49	65.99	61.49	56.99

☑RoHS 2.4 GHz Mobile Mount Antennas

HG2403U-NMO	F	3 dBi, Dual Band, Integral NMO Connector	29.99	26.99	23.99	20.99	17.99
HG2403UR-NMOW	G	3 dBi, White Radome, Integral NMO Connector	29.99	26.99	23.99	20.99	17.99
HG2403UR-NMOB	G	3 dBi, Black Radome, Integral NMO Connector	29.99	26.99	23.99	20.99	17.99
HG2405U-NMO	E	5 dBi, Integral NMO Connector	19.99	17.99	15.99	13.99	11.99
HG2405UR-NMO	H	5 dBi, Black Radome, Flex-Base, Integral NMO Connector	84.99	76.49	67.99	59.49	50.99
HG2408UR-NM	H	8 dBi, Black Radome, Flex-Base, Integral N Male Connector	84.99	81.59	78.19	74.79	71.39
HG2409U	I	8.5 dBi, Integral N Male Connector	49.99	45.99	41.99	37.99	33.99

2.4 GHz/2.4-5.8 GHz Ceiling Antennas-Indoor Single Band/Dual Band/MIMO Antennas

L-com offers a number of Ceiling Antennas in 2.4 GHz and 2.4/5.8 GHz frequencies for many indoor applications. The coverage is 360° and operating with single feed (1 X 1) as well as the new MIMO Multiple feeds (3 X 3 and 6 X 6). MIMO antennas provide the user with a single antenna to couple with the many multiple feed wireless radios operating in 802.11a/b/g/n. The MIMO antennas provide spatial and frequency diversity to improve connectivity and data throughput for the user.

☑RoHS 2.4 GHz MIMO Spatial Diversity Ceiling Antennas

HG2403-SDC-3NF	J	3 dBi, Spatial Diversity Ceiling Antenna, 3 N Female Connectors	49.99	47.99	45.99	42.49	37.49
HG2403-SDC-3NM	J	3 dBi, Spatial Diversity Ceiling Antenna, 3 N Male Connectors	49.99	47.99	45.99	42.49	37.49
HG2403-SDC-3RSP	J	3 dBi, Spatial Diversity Ceiling Antenna, 3 RP-SMA Plug Connectors	49.99	47.99	45.99	42.49	37.49
HG2403-SDC-3RTP	J	3 dBi, Spatial Diversity Ceiling Antenna, 3 RP-TNC Plug Connectors	49.99	47.99	45.99	42.49	37.49

☑RoHS 2.4 GHz Omni Ceiling Antennas

HG2404CU-NF	K	4 dBi, Ceiling Mounted Antenna, N Female Connector	21.99	20.23	18.47	16.71	14.95
HG2404CU-RTP	K	4 dBi, Ceiling Mounted Antenna, RP-TNC Plug Connector	24.99	22.99	20.99	18.99	16.99

☑RoHS 2.4/5.8 GHz Dual Band MIMO Spatial Diversity Ceiling Antennas

HG2458-3SDC-3NF	J	3 dBi, Dual Band Spatial Diversity, 3 N Female Connectors	49.99	45.99	41.99	37.99	33.99
HG2458-4SDC-6NF	K	4 dBi, Dual Band Spatial Diversity, 6 N Female Connectors	74.99	71.99	68.99	63.74	56.24
HG2458-4SDC-6NM	K	4 dBi, Dual Band Spatial Diversity, 6 N Male Connectors	74.99	71.99	68.99	63.74	56.24
HG2458-4SDC-6RSP	K	4 dBi, Dual Band Spatial Diversity, 6 RP-SMA Plug Connectors	74.99	71.99	68.99	63.74	56.24
HG2458-4SDC-6RTP	K	4 dBi, Dual Band Spatial Diversity, 6 RP-TNC Plug Connectors	74.99	71.99	68.99	63.74	56.24

☑RoHS 2.4/5.8 GHz Dual Band Ceiling Antennas

HG2458CU-NF	L	3 dBi, Dual Band Ceiling Antenna, N Female Connector	39.99	35.99	31.99	27.99	CALL
HG2458CU-RTP	L	3 dBi, Dual Band Ceiling Antenna, RP-TNC Plug Connector	39.99	35.99	31.99	27.99	CALL

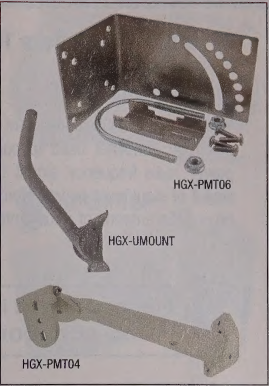
L-com Global Connectivity

We want to help you!
See a complete list of free tips, tutorials
and videos at L-com.com/Resources

✓RoHS Mounting Brackets for Antennas, Amplifiers and Surge Protectors

L-com offers an extensive line of mounting bracket options for its antennas, amplifiers, and surge protectors. Options include wall mount, window mount, mast mount and more. Visit us online at L-com.com for complete bracket dimensions and specifications.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HGX-LPMOUNT01	ALQ2-NMNFB Surge Protector Mounting Bracket	4.99	4.49	3.99	3.49	2.99
HGX-PMT02	Indoor Antenna Mounting Kit, Small Metal Tilt & Swivel	9.99	8.99	7.99	6.99	5.99
HGX-PMT03	Indoor Antenna Mounting Kit, Medium Plastic Tilt & Swivel	11.99	10.79	9.59	8.39	7.19
HGX-PMT04	Large Metal Tilt & Swivel Mounting Bracket for Wall or Mast Mounting	19.99	17.99	15.99	13.99	11.99
HGX-PMT06	60° Tilt & Swivel Mounting Kit for Mounting to 1-1/4" (3.2cm) to 2" (5.1cm) Dia. Masts	9.49	8.54	7.59	6.64	5.69
HGX-PMT07	Stationary Mounting Kit for Mounting to 1-1/4" (3.2cm) to 2" (5.1cm) Dia. Masts	5.99	5.39	4.79	4.19	3.59
HGX-PMT08	Suction Cup Window Mounting Kit for Select HyperLink Antennas	9.99	8.99	7.99	6.99	CALL
HGX-PMT11	Heavy Duty Stationary Mast Mounting Kit for Mtg. to 1-1/4" (3.2cm) to 2" (5.1cm) Dia.	10.99	9.89	8.79	7.69	6.59
HGX-PMT14	Mast Mount Kit for Outdoor Filters/Splitters 1-1/4" (3.2cm) to 2" (5.1cm) Dia. Masts	12.99	11.69	10.39	9.09	CALL
HGX-PMT15	Indoor Antenna Mounting Kit- Compact Metal Tilt & Swivel	9.99	8.99	7.99	6.99	5.99
HGX-UMOUNT	Powder Coated Galvanized Steel "DSS-style" Arm-Outdoor Wall Mtg. 21 in.	14.99	14.39	13.79	12.74	11.24
HGX-UMOUNT-10PK	Powder Coated Galvanized Steel "DSS-style" Arm-Outdoor Wall Mtg. 10 Pack	119.99	115.19	110.39	101.99	89.99
HGX-UMOUNT01	Powder Coated Galvanized Steel "DSS-style" Arm-Outdoor Wall Mtg. 26.7 in.	15.99	15.35	14.71	13.59	11.99
HGX-UMOUNT01-10PK	Powder Coated Galvanized Steel "DSS-style" Arm-Outdoor Wall Mtg. 10 Pack	129.99	124.79	119.59	110.49	97.49
HGX-UMOUNT02	Ceiling/Wall Mount for 4.5" (11.4cm) sq. and 8.5" (21.6cm) sq. Patch Antennas	14.99	13.49	11.99	10.49	8.99
HGX-UMOUNT04	Universal Corner Mounting Bracket	24.99	22.49	19.99	17.49	CALL



Directional Antenna Application

The HG913Y-NF is being used in a waste water lift station application. Data is being sent wirelessly to a central control location where water levels and pressure can be monitored.

This particular installation has a series of sensors monitoring the key parameters of the location. The data is logged and formatted for transmission as packet data to the central control facility. The packet data is sent via a wireless link and in this case, a directional, high gain YAGI antenna pointed at the receiving antenna location. The central control station has the capability to send data to this remote installation to deliver commands, if needed, to properly operate the waste water lift station.

✓RoHS RET/AISG 8-Pin FS1 Type Male or Female Connectors

Remote Electrical Tilt (RET) antenna systems are designed so that wireless providers can make adjustments remotely to their antenna systems. The Antenna Interface Standards Group (AISG) has created specifications for the control interface for these types of systems. L-com now offers these FS1 type connectors for AISG applications as well as industrial control applications.

Item #	Description	1-9	10-24	25-99	100-249	250-499
AISGM-2000	RET/AISG 8-Pin FS1 Type Connector, Male	12.95	12.43	11.91	11.40	10.88
AISGF-2000	RET/AISG 8-Pin FS1 Type Connector, Female	12.95	12.43	11.91	11.40	10.88

AISGM-2000

✓RoHS RET/AISG 6-Conductor Control Cable Assemblies

L-com's 6-Conductor Remote Electrical Tilt (RET) / AISG compatible control cable assemblies are terminated with Male and Female FS1 type DIN connectors. The connectors on these cable assemblies are interchangeable with Amphenol C 901 A/B/C and Binder 423 series connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-AISG6MFM01	RET/AISG 6-Conductor Control Cable, Male/Female, 1.0m	56.20	54.51	52.83	51.14	49.46
CA-AISG6MFM02	RET/AISG 6-Conductor Control Cable, Male/Female, 2.0m	59.90	58.10	56.31	54.51	52.71
CA-AISG6MFM03	RET/AISG 6-Conductor Control Cable, Male/Female, 3.0m	63.60	61.69	59.78	57.88	55.97
CA-AISG6MFM04	RET/AISG 6-Conductor Control Cable, Male/Female, 4.0m	68.50	66.44	64.39	62.34	60.28
CA-AISG6MFM05	RET/AISG 6-Conductor Control Cable, Male/Female, 5.0m	72.10	69.94	67.77	65.61	63.45
CA-AISG6MFM06	RET/AISG 6-Conductor Control Cable, Male/Female, 6.0m	75.80	73.53	71.25	68.98	66.70
CA-AISG6MFM09	RET/AISG 6-Conductor Control Cable, Male/Female, 9.0m	88.20	85.55	82.91	80.26	77.62
CA-AISG6MFM10	RET/AISG 6-Conductor Control Cable, Male/Female, 10.0m	93.00	90.21	87.42	84.63	81.84
CA-AISG6MFM15	RET/AISG 6-Conductor Control Cable, Male/Female, 15.0m	111.40	108.06	104.72	101.37	98.03
CA-AISG6MFM20	RET/AISG 6-Conductor Control Cable, Male/Female, 20.0m	129.80	125.91	122.01	118.12	114.22
CA-AISG6MFM30	RET/AISG 6-Conductor Control Cable, Male/Female, 30.0m	167.90	162.86	157.83	152.79	147.75
CA-AISG6MFM40	RET/AISG 6-Conductor Control Cable, Male/Female, 40.0m	204.70	198.56	192.42	186.28	180.14
CA-AISG6MFM50	RET/AISG 6-Conductor Control Cable, Male/Female, 50.0m	242.70	235.42	228.14	220.86	213.58
CA-AISG6MFM60	RET/AISG 6-Conductor Control Cable, Male/Female, 60.0m	279.50	271.12	262.73	254.34	245.96

CA-AISG6MFM

✓RoHS 6-Conductor RET/AISG Control Cable, by the Meter or in 305 Meter Reel

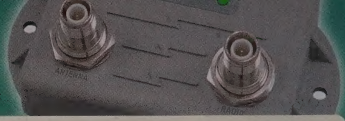
L-com now offers 6-Conductor Remote Electrical Tilt (RET) control cable, in bulk or by-the-Meter.

Item #	Description	List Price
CA-AISG6-METER	6-Conductor Control Cable, per Meter	3.95
CA-AISG6-R305M	6-Conductor Control Cable, 305 Meter Reel	934.99

CA-AISG6

Custom design and manufacturing capabilities
Our product design process takes you from concept to production. L-com.com/Custom

L-com® Global Connectivity



WLAN Amplifiers Tutorial

What are Amplifiers?

Wireless LAN Amplifiers are a type of electronic amplifier used to convert a low-power radio-frequency signal into a larger signal of significant power, typically used for driving the antenna of a transmitter.

How are Amplifiers used?

Wireless LAN Amplifiers are typically connected via low loss coaxial cable to a radio on one end and then to either a splitter or filter and then to an antenna. Sometimes they're connected directly to an antenna when a filter or splitter is not required.

Where are Amplifiers used?

Wireless LAN Amplifiers are used in wireless communications networks for public, private, military and government applications. Amplifiers can be used indoors and outdoors exposed to the elements or used in an equipment enclosure.

For more useful information go to....
L-com.com/Resources

L-com's HyperLink™ Series amplifiers support the following frequencies and applications

Frequency	Application
900 MHz	RFID, ISM, SCADA
2.4 GHz	802.11b/g/n WLANs
4.9 GHz	Homeland Security and Public Safety
5.8 GHz	802.11a/n WLANs

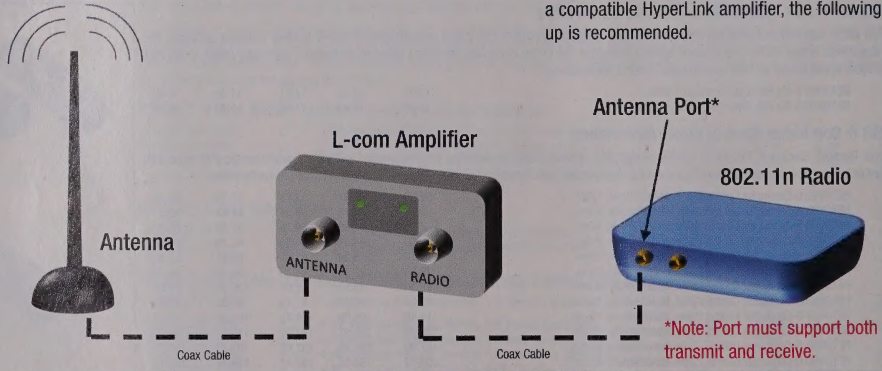
Automatic Power Control (APC)

The key requirements of bi-directional amplifiers for use with the new high data rate 802.11a/g/n radios is Automatic Power Control (APC), fast switching speed and good linearity. A 802.11a/g/n radio is very sensitive to signal distortion. Older amplifiers designed for use with 802.11b radios will not function properly with the newer radios. In 2002, we were the first company to offer an 802.11g bi-directional amplifier with APC. The use of a competitor's fixed gain amplifier with the new rate 802.11a/g/n radio is guaranteed to degrade radio or range performance. L-com's APC will hold transmit power constant regardless of data rate.

Note: Automatic Power Control (APC) is also knows as Automatic Gain Control (AGC).

802.11n Amplifier and Radio Installation

To get the most out of your 802.11n radio when using a compatible HyperLink amplifier, the following hook up is recommended.



*Note: Port must support both transmit and receive.

Amplifier products are available for export, military, licensed amateur radio (ham radio) and OEM component sales only and as part of complete FCC Certified Systems. Individual amplifier products are not offered for sale in the USA.

Please note that additional documentation may be required to purchase a HyperLink™ brand amplifier. In those cases an L-com sales associate will contact you to complete your order.

HyperLink™ WLAN and WiFi Amplifiers/Boosters – Upgrade Your Operating Range and Performance

HyperLink™ is the leader in bi-directional amplifiers/boosters for WiFi and wireless LAN applications. Consisting of a low-noise receive amplifier and a transmit power amplifier, they offer significant improvement in operating range and performance. A key feature of HyperLink™ amplifiers is the Active Power Control circuit (also known as Automatic Gain Control - AGC). This automatically adjusts the amplifier's gain to provide a constant output power regardless of cable length.

✓RoHS HyperLink™ 2.4 GHz Indoor Amplifiers with Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA2401MG-100	A	100 mW, Compact Series, 802.11b/g/n, Type N Female Connectors	104.99	99.74	94.49	89.24	83.99
HA2401MG-250	A	250 mW, Compact Series, 802.11b/g/n, Type N Female Connectors	114.99	109.24	103.49	97.74	91.99
HA2401MG-500	A	500 mW, Compact Series, 802.11b/g/n, Type N Female Connectors	124.99	118.74	112.49	106.24	99.99
HA2401MG-1000	A	1 Watt, Compact Series, 802.11b, Type N Female Connectors	124.99	118.74	112.49	106.24	99.99
HA2401RTMG-100*	A	100 mW, Compact Series, 802.11b/g/n, RP-TNC Jack Connectors	104.99	99.74	94.49	89.24	83.99
HA2401RTMG-250*	A	250 mW, Compact Series, 802.11b/g/n, RP-TNC Jack Connectors	114.99	109.24	103.49	97.74	91.99
HA2401RTMG-500*	A	500 mW, Compact Series, 802.11b/g/n, RP-TNC Jack Connectors	124.99	118.74	112.49	106.24	99.99
HA2401RTMG-1000*	A	1 Watt, Compact Series, 802.11b, RP-TNC Jack Connectors	124.99	118.74	112.49	106.24	99.99
HA2401GI-100	E	100 mW, 802.11b/g/n, Type N Female Connectors	129.99	123.49	116.99	110.49	103.99
HA2401GI-250	E	250 mW 802.11b/g/n, Type N Female Connectors	139.99	132.99	125.99	118.99	111.99
HA2401GI-500	E	500 mW 802.11b/g/n, Type N Female Connectors	149.99	142.49	134.99	127.49	119.99
HA2401GI-1000	E	1 Watt, 802.11b, Type N Female Connectors	149.99	142.49	134.99	127.49	119.99
HA2401GXI-1000	B	1 Watt, 802.11b/g/n, Type N Female Connectors	179.99	170.99	161.99	152.99	143.99
HA2401RTGI-100*	E	100 mW, 802.11b/g/n, RP-TNC Jack Connectors	129.90	123.41	116.91	110.42	103.92
HA2401RTGI-250*	E	250 mW, 802.11b/g/n, RP-TNC Jack Connectors	139.99	132.99	125.99	118.99	111.99
HA2401RTGI-500*	E	500 mW, 802.11b/g/n, RP-TNC Jack Connectors	149.99	142.49	134.99	127.49	119.99
HA2401RTGI-1000	E	1 Watt, 802.11b, RP-TNC Jack Connectors	149.99	142.49	134.99	127.49	119.99
HA2401RTGXI1000*	B	1 Watt, 802.11b/g/n, RP-TNC Jack Connectors	179.99	170.99	161.99	152.99	143.99
HA2402GXI-NF	B	2 Watt, 802.11b/g/n, Type N Female Connectors	229.99	218.49	206.99	195.49	183.99
HA2401DX-XL3000	B	3 Watt, 802.11b, Type N Female Connectors	229.99	218.49	206.99	195.49	183.99
HA2403GTI-NF	G	3 Watt, 802.11b/g/n, Type N Female Connectors	574.99	546.24	517.49	488.74	459.99
HA2404GTI-NF	G	4 Watt, 802.11b/g/n, Type N Female Connectors	624.99	593.74	562.49	531.24	499.99
HA2405GTI-NF	G	5 Watt, 802.11b/g/n, Type N Female Connectors	674.99	641.24	607.49	573.74	539.99
HA2406TI-NF	G	6 Watt, 802.11b, Type N Female Connectors	674.99	641.24	607.49	573.74	539.99
HA2408TI-NF	G	8 Watt, 802.11b, Type N Female Connectors	724.99	688.74	652.49	616.24	579.99
HA2408GTI-NF	G	8 Watt, 802.11b/g/n, Type N Female Connectors	1499.99	1424.99	1349.99	1274.99	1199.99
HA2410GTI-NF	G	10 Watt, 802.11b/g/n, Type N Female Connectors	1599.99	1519.99	1439.99	1359.99	1279.99
HA2420TI-NF	G	20 Watt, 802.11b, Type N Female Connectors	2099.99	1994.99	1889.99	1784.99	1679.99
HA2425TI-NF	G	25 Watt, 802.11b, Type N Female Connectors	2199.99	2089.99	1979.99	1869.99	1759.99
HA240105GAI-NF	G	1/5 Watt, Switchable 802.11b/g/n, Type N Female Connectors	824.99	783.74	742.49	701.24	659.99
HA240510GAI-NF	G	5/10 Watt, Switchable 802.11b & 802.11b/g/n, Type N Female Connectors	824.99	783.74	742.49	701.24	659.99
HA241025GAI-NF	G	10/25 Watt, Switchable 802.11b & 802.11b/g/n, Type N Female Connectors	2299.99	2184.99	2069.99	1954.99	1839.99

*These models also available in FCC Certified Amplifier Kits

✓RoHS HyperLink™ 2.4 GHz Outdoor Amplifiers with DC Injector and Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA2401G-100	C	100 mW, 802.11b/g/n, Type N Female Connectors	149.99	142.49	134.99	127.49	119.99
HA2401G-250	C	250 mW, 802.11b/g/n, Type N Female Connectors	159.99	151.99	143.99	135.99	127.99
HA2401G-500	C	500 mW, 802.11b/g/n, Type N Female Connectors	169.99	161.49	152.99	144.49	135.99
HA2401G-1000	C	1 Watt, 802.11b, Type N Female Connectors	169.99	161.49	152.99	144.49	135.99
HA2401GX-1000	D	1 Watt, 802.11b/g/n, Type N Female Connectors	199.99	189.99	179.99	169.99	159.99
HA2401RTG-100*	C	100 mW, 802.11b/g/n, RP-TNC Jack Connectors	149.99	142.49	134.99	127.49	119.99
HA2401RTG-250*	C	250 mW, 802.11b/g/n, RP-TNC Jack Connectors	159.99	151.99	143.99	135.99	127.99
HA2401RTG-500*	C	500 mW, 802.11b/g/n, RP-TNC Jack Connectors	169.99	161.49	152.99	144.49	135.99
HA2401RTG-1000	C	1 Watt, 802.11b, RP-TNC Jack Connectors	169.99	161.49	152.99	144.49	135.99
HA2401RTGX-1000*	D	1 Watt, 802.11b/g/n, RP-TNC Jack Connectors	199.99	189.99	179.99	169.99	159.99
HA2402GX-NF	D	2 Watt, 802.11b/g/n, Type N Female Connectors	249.99	237.49	224.99	212.49	199.99
HA2401-XL3000	D	3 Watt, 802.11b, Type N Female Connectors	249.99	237.49	224.99	212.49	199.99
HA2403GT-NF	G	3 Watt, 802.11b/g/n, Type N Female Connectors	649.99	617.49	584.99	552.49	519.99
HA2404GT-NF	G	4 Watt, 802.11b/g/n, Type N Female Connectors	699.99	664.99	629.99	594.99	559.99
HA2405GT-NF	G	5 Watt, 802.11b/g/n, Type N Female Connectors	749.99	712.49	674.99	637.49	599.99
HA2406T-NF	G	6 Watt, 802.11b, Type N Female Connectors	749.99	712.49	674.99	637.49	599.99
HA2408T-NF	G	8 Watt, 802.11b, Type N Female Connectors	799.99	759.99	719.99	679.99	639.99
HA2408GT-KIT	G	8 Watt, 802.11b/g/n, Type N Female Connectors, Includes NEMA Enclosure	1899.99	1804.99	1709.99	1614.99	1519.99
HA2410GT-KIT	G	10 Watt, 802.11b/g/n, Type N Female Connectors, Includes NEMA Enclosure	1999.99	1899.99	1799.99	1699.99	1599.99
HA2420T-KIT	G	20 Watt, 802.11b, Type N Female Connectors, Includes NEMA Enclosure	2499.99	2374.99	2249.99	2124.99	1999.99
HA2425T-KIT	G	25 Watt, 802.11b, Type N Female Connectors, Includes NEMA Enclosure	2599.99	2469.99	2339.99	2209.99	2079.99

*These models also available in FCC Certified Amplifier Kits

✓RoHS HyperLink™ 2.4 GHz Indoor PoE Amplifiers

HyperLink™ PoE amplifier models feature a built-in Power-Over-Ethernet interface. This allows the amplifier to receive its power by the same CAT5 cable used to pass Data and Power to an additional PoE device. This eliminates the need for an additional DC Injector and coax cable, simplifying installation.

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA2401GE-250	E	250 mW, 802.11b/g/n, Type N Female Connectors (Pwr Supply Not Included)	164.99	156.74	148.49	140.24	131.99
HA2401GE-500	E	500 mW, 802.11b/g/n, Type N Female Connectors (Pwr Supply Not Included)	174.99	166.24	157.49	148.74	139.99
HA2401GXE-1000	B	1 Watt, 802.11b/g/n, Type N Female Connectors (Pwr Supply Not Included)	204.99	194.74	184.49	174.24	163.99
HA2401GXE-KIT02	B	1 Watt, 802.11b/g/n, Type N Female Connectors (Includes Pwr Supply/PoE Injector)	234.99	223.24	211.49	199.74	187.99
HA2401GXE-2000	B	2 Watt, 802.11b/g/n, Type N Female Connectors (Pwr Supply Not Included)	254.99	242.24	229.49	216.74	203.99
HA2401GXE-3000	B	3 Watt, 802.11b, Type N Female Connectors (Pwr Supply Not Included)	254.99	242.24	229.49	216.74	203.99
HA2401RTGE-100*	E	100 mW, 802.11b/g/n, RP-TNC Jack Connectors (Pwr Supply Not Included)	154.99	147.24	139.49	131.74	123.99
HA2401RTGE-250*	E	250 mW, 802.11b/g/n, RP-TNC Jack Connectors (Pwr Supply Not Included)	164.99	156.74	148.49	140.24	131.99
HA2401RTGE-500*	E	500 mW, 802.11b/g/n, RP-TNC Jack Connectors (Pwr Supply Not Included)	174.99	166.24	157.49	148.74	139.99
HA2401RTGXE1000*	B	1 Watt, 802.11b/g/n, RP-TNC Jack Connectors (Pwr Supply Not Included)	204.99	194.74	184.49	174.24	163.99

*These models also available in FCC Certified Amplifier Kits

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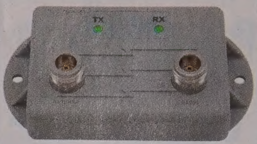
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HA2401-XL3000
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Informative e-mail newsletters
Our newsletters are packed with tips, tutorials,
product info and downloads! L-com.com/Newsletter

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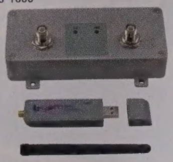

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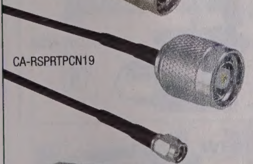

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RoHS HyperLink™ 2.4 GHz Indoor OEM Amplifiers

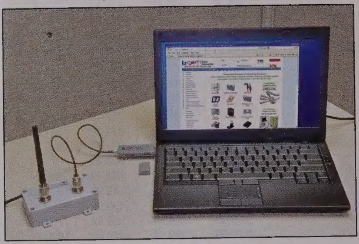
L-com's HyperLink™ OEM amplifiers feature low profile SMA Female connectors. This helps reduce the overall height of the amplifier, making them ideal for installations with limited space. Models include standard OEM indoor amplifiers with SMA connectors (includes power supplies) and Power-Over-Ethernet models with SMA connectors (power supply sold separately).

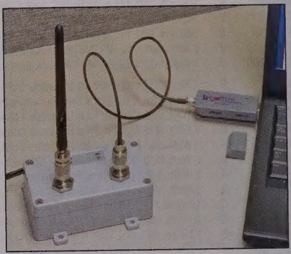
Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA2401SFGI-100	E	100 mW, 802.11b/g/n, SMA Female Connectors	129.99	123.49	116.99	110.49	103.99
HA2401SFGI-250	E	250 mW, 802.11b/g/n, SMA Female Connectors	139.99	132.99	125.99	118.99	111.99
HA2401SFGI-500	E	500 mW, 802.11b/g/n, SMA Female Connectors	149.99	142.49	134.99	127.49	119.99
HA2401SFGI-1000	E	1 Watt, 802.11b, SMA Female Connectors	149.99	142.49	134.99	127.49	119.99
HA2401SFGE-100	E	100 mW, 802.11b/g/n, with PoE Interface, SMA Female Connectors	154.99	147.24	139.49	131.74	123.99
HA2401SFGE-250	E	250 mW, 802.11b/g/n, with PoE Interface, SMA Female Connectors	164.99	156.74	148.49	140.24	131.99
HA2401SFGE-500	E	500 mW, 802.11b/g/n, with PoE Interface, SMA Female Connectors	174.99	166.24	157.49	148.74	139.99
HA2401SFGE-1000	E	1 Watt, 802.11b, with PoE Interface, SMA Female Connectors	174.99	166.24	157.49	148.74	139.99

HyperLink™ 2.4 GHz FCC Certified Amplifier/Booster Kits

L-com makes it easy to boost your performance with our 2.4 GHz 802.11b/g FCC certified WIFI amplifier/booster kits. Available to our customers in the USA, these kits can be purchased without any special FCC licenses of FCC forms to fill out. Each kit includes:

- 2.4 GHz WIFI amplifier with RP-TNC connectors
- Removable 2 dBi rubber duck antenna
- DC Injector (with outdoor kits)
- 802.11g USB wireless Ethernet adapter
- Power supply (except for PoE kits)
- Installation CD with drivers and wireless utility.





RoHS HyperLink™ 2.4 GHz FCC Certified Indoor Amplifier Kits/Booster Kits

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HAKIT-RTGIU-100	E	100 mW 802.11g, Amplifier Kit, RP-TNC Connectors	129.90	123.41	116.91	110.42	103.92
HAKIT-RTGIU-250	E	250 mW 802.11g, Amplifier Kit, RP-TNC Connectors	139.99	132.99	125.99	118.99	111.99
HAKIT-RTGIU-500	E	500 mW 802.11g, Amplifier Kit, RP-TNC Connectors	149.99	142.49	134.99	127.49	119.99
HAKIT-RTGXIU-1000	B	1 Watt 802.11g, Amplifier Kit, RP-TNC Connectors	179.99	170.99	161.99	152.99	143.99

RoHS HyperLink™ 2.4 GHz FCC Certified Outdoor Amplifier Kits/Booster Kits

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HAKIT-RTGU-100	E	100 mW 802.11g, Amplifier Kit, RP-TNC Connectors	149.99	142.49	134.99	127.49	119.99
HAKIT-RTGU-250	E	250 mW 802.11g, Amplifier Kit, RP-TNC Connectors	159.99	151.99	143.99	135.99	127.99
HAKIT-RTGU-500	E	500 mW 802.11g, Amplifier Kit, RP-TNC Connectors	169.99	161.49	152.99	144.49	135.99
HAKIT-RTGXU-1000	D	1 Watt 802.11g, Amplifier Kit, RP-TNC Connectors	199.99	189.99	179.99	169.99	159.99

RoHS HyperLink™ 2.4 GHz FCC Certified Economy Indoor Amplifier/Booster Kits

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HAKIT-RTMG-100	A	100 mW 802.11g Indoor Economy Amplifier Kit, RP-TNC Connectors	104.99	99.74	94.49	89.24	104.99
HAKIT-RTMG-250	A	250 mW 802.11g Indoor Economy Amplifier Kit, RP-TNC Connectors	114.99	109.24	103.49	97.74	114.99
HAKIT-RTMG-500	A	500 mW 802.11g Indoor Economy Amplifier Kit, RP-TNC Connectors	124.99	118.74	112.49	106.24	124.99
HAKIT-RTMG-1000	A	1 Watt 802.11b Indoor Economy Amplifier Kit, RP-TNC Connectors	124.99	118.74	112.49	106.24	124.99

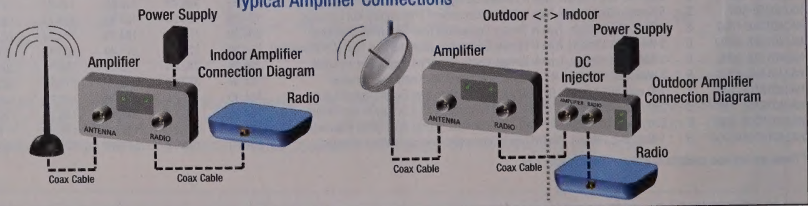
RoHS HyperLink™ 2.4 GHz FCC Certified Indoor PoE Amplifier/Booster Kits

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HAKIT-GE-100	F	100 mW 802.11g Indoor PoE Amplifier Kit, RP-TNC Connectors	154.99	147.24	139.49	131.74	123.99
HAKIT-GE-250	F	250 mW 802.11g Indoor PoE Amplifier Kit, RP-TNC Connectors	164.99	156.74	148.49	140.24	131.99
HAKIT-GE-500	F	500 mW 802.11g Indoor PoE Amplifier Kit, RP-TNC Connectors	174.99	166.24	157.49	148.74	139.99
HAKIT-GXE-1000	F	1 Watt 802.11b Indoor PoE Amplifier Kit, RP-TNC Connectors	204.99	194.74	184.49	174.24	163.99

RoHS HyperLink™ FCC Certified Amplifier Kit Accessories

Item #	Description	1-9	10-24	25-99	100-249	250-499
AXA-RTPRSJ	RP-TNC Plug to RP-TNC Jack Adapter	3.99	3.83	3.67	3.39	2.99
CA-RSPRTPCN19	RP-SMA Plug to RP-TNC Plug Pigtail, 19in (48.3cm), 100-Series Cable	14.99	14.39	13.79	13.19	12.59
CA-RSJRTPA002	RP-SMA Jack to RP-TNC Plug Pigtail, 2.0ft (0.6m), 195-Series Cable	22.20	19.98	17.76	15.54	13.32
BPF24-806	2.4 GHz 8-Pole Indoor Bandpass Filter, Channel 6	89.99	82.79	75.59	68.39	CALL
BPF24-806A	2.4 GHz 8-Pole Outdoor Bandpass Filter, Channel 6	124.99	114.99	104.99	94.99	CALL

Typical Amplifier Connections



> "We are an IT services firm. I do like your site. The one thing in particular that caught my eye was the historical view of my orders. I also liked the fact that you had the installation manuals readily available. All in all, I thought your website was easy to use. You certainly have a much more professional site than many of the folks selling similar items." - Rhett Gibson, HDI Solutions

5.8 GHz Bi-Directional Amplifiers

L-com's HyperLink™ 5.8 GHz WLAN amplifiers are compatible with IEEE 802.11a/n OFDM radios as well as radios using Direct Sequence or Frequency Hopping Spread Spectrum modulation and can be used for 5.8 GHz UNII, ISM IEEE 802.11a, and MESH wireless network applications.

RoHS HyperLink™ 5.8 GHz Indoor Amplifiers with Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA5801I-500	E	500 mW, 802.11a/n, Fixed Gain, Type N Female Connectors	149.99	142.49	134.99	127.49	119.99
HA5801I-1000SMA	F	1 Watt, 802.11a/n, Fixed Gain, SMA Female Connectors	199.95	189.95	179.95	169.96	159.96
HA5803I	G	3 Watt, 802.11a/n, Type N Female Connectors	1149.99	1092.49	1034.99	977.49	919.99
HA5805I	G	5 Watt, 802.11a/n, Type N Female Connectors	1249.99	1187.49	1124.99	1062.49	999.99

RoHS HyperLink™ 5.8 GHz Outdoor Amplifiers with DC Injector and Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA5801-500	C	500 mW, 802.11a/n, Fixed Gain, Type N Female Connectors	199.99	189.99	179.99	169.99	159.99
HA5801-1000	F	1 Watt, 802.11a/n, Fixed Gain, Type N Female Connectors	249.95	237.45	224.95	212.46	199.96
HA5803	G	3 Watt, 802.11a/n, Type N Female Connectors	1199.99	1139.99	1079.99	1019.99	959.99
HA5805	G	5 Watt, 802.11a/n, Type N Female Connectors	1299.99	1234.99	1169.99	1104.99	1039.99

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4.9 GHz Bi-Directional Amplifiers

L-com's HyperLink™ 4.9 GHz amplifiers are perfect for use in public safety and homeland security networks. Additionally these 4.9 GHz amplifiers are compatible with OFDM radios as well as radios using Direct Sequence or Frequency Hopping Spread Spectrum modulation.

RoHS HyperLink™ 4.9 GHz Indoor Amplifiers with Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA4903I	G	3 Watt, Type N Female Connectors	1449.99	1377.49	1304.99	1232.49	1159.99
HA4905I	G	5 Watt, Type N Female Connectors	1549.99	1472.49	1394.99	1317.49	1239.99

RoHS HyperLink™ 4.9 GHz Outdoor Amplifiers with DC Injector Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA4903	G	3 Watt, Type N Female Connectors	1499.99	1424.99	1349.99	1274.99	1199.99
HA4905	G	5 Watt, Type N Female Connectors	1599.99	1519.99	1439.99	1359.99	1279.99

900 MHz Bi-Directional Amplifiers

L-com's HyperLink™ HA900 series WLAN amplifiers are compatible with 900 MHz wireless LAN equipment including the new generation 2.75 Mbit CCK (Complementary Code Keying) spread spectrum radios.

RoHS 900 MHz Indoor Amplifiers with Power Supply

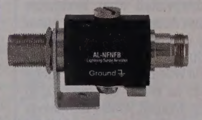
Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA900I-APC500	B	500 mW, Type N Female Connectors	299.95	284.95	269.95	254.96	239.96
HA901I-APC	B	1 Watt, Type N Female Connectors	329.99	313.49	296.99	280.49	263.99
HA903I-APC	B	3 Watt, Type N Female Connectors	379.99	360.99	341.99	322.99	303.99
HA905I-APC	G	5 Watt, Type N Female Connectors	449.99	427.49	404.99	382.49	359.99
HA910I-APC	G	10 Watt, Type N Female Connectors	649.99	617.49	584.99	552.49	519.99
HA925DX-XXX	H	25 Watt, Type N Female Connectors	749.99	712.49	674.99	637.49	599.99
HA905I-DM	G	5 Watt, OFDM Compatible, Type N Female Connectors	649.99	617.49	584.99	552.49	519.99

RoHS 900 MHz Outdoor Amplifiers with DC Injector and Power Supply

Item #	Style	Description	1-4	5-9	10-24	25-99	100-249
HA900-APC500	D	500 mW, Type N Female Connectors	349.95	332.45	314.95	297.46	279.96
HA901-APC	D	1 Watt, Type N Female Connectors	379.99	360.99	341.99	322.99	303.99
HA903-APC	D	3 Watt, Type N Female Connectors	429.99	408.49	386.99	365.49	343.99
HA905-APC	G	5 Watt, Type N Female Connectors	499.99	474.99	449.99	424.99	399.99
HA910-APC	G	10 Watt, Type N Female Connectors	699.99	664.99	629.99	594.99	559.99
HA925SE-XXX	H	25 Watt, Type N Female Connectors	799.99	759.99	719.99	679.99	639.99
HA905-DM	G	5 Watt, OFDM Compatible, Type N Female Connectors	699.99	664.99	629.99	594.99	559.99

Amplifier Accessories

- 0-3 GHz Coaxial Lightning Protectors - See Page 35
- 0-6 GHz Coaxial Lightning Protectors - See Page 35
- Bandpass Channel Filters - See Page 25
- Weatherproof Enclosures - See Pages 26-31
- CAT5/5e/6 Lightning Protectors - See Page 33
- Low Loss Coax Cable Assemblies - See Pages 162-168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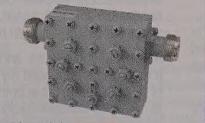
AL6-NMNFBW-9 - page 35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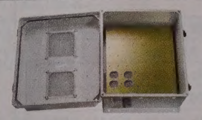
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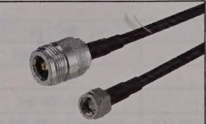
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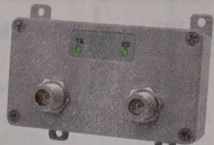
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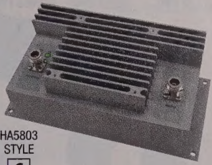
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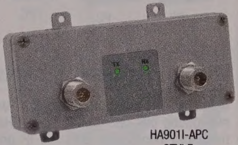
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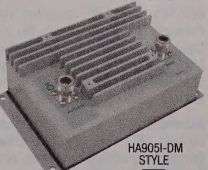
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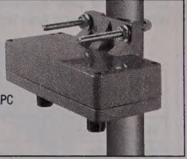
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RoHS
RoHS status information
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L-com.com/RoHS

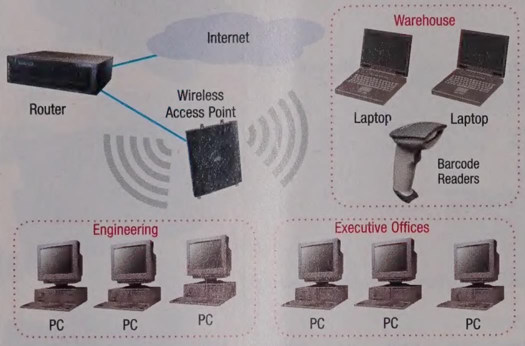
L-com® Global Connectivity

Wireless Networking Tutorial

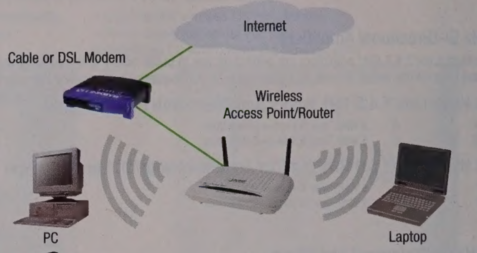
What is a Wireless Network?

A wireless network is very similar to the wired network in that all the same pieces are still required, a wireless NIC, Access Point (similar to a wired network Ethernet Switch) and a wireless router. The only thing that's missing are the cables. First you will need to determine if your desktop or Laptop PC already has a wireless NIC built in. Again, check your user's guide to confirm this. Once your wireless NIC is installed you will need to configure the SSID (service set identifier) on each of the PC's to use the same name. Also, you need to make sure all the wireless NICs are configured to be on the same channel and set levels of encryption if desired. Your wireless access point or router should come with detailed explanation of how to configure the SSID and security features such as encryption and access lists. Many of today's wireless routers come with the access point functionality built right in.

The diagram below shows a typical business wireless LAN.



The diagram below shows a SOHO wireless network set up.



For more useful information go to....
L-com.com/Resources

Wireless Networking Terms

802.11a: An IEEE standard for wireless Ethernet networking that operates in the 5 GHz radio band (ISM frequency band) and uses the IP protocol. Maximum transmission speed is 54 Mbps and approximate wireless range is 25-75 feet indoors.

802.11b: An IEEE standard for wireless Ethernet networking that operates in the 2.4 GHz radio band (ISM frequency band) and uses the IP protocol. Maximum transmission speed is 11 Mbps and approximate wireless range is 100-200 feet indoors.

802.11g: An IEEE standard for wireless Ethernet networking that operates in the 2.4 GHz radio band (ISM frequency band) and uses the IP protocol. Maximum transmission speed is 54 Mbps and approximate wireless range is 100-200 feet indoors.

802.11n: An IEEE standard for wireless Ethernet networking that operates in the 2.4 GHz or 5 GHz radio band ISM frequency band) and uses the IP protocol. Maximum transmission speed is 3600Mbps (20MHz channel) and approximate wireless range is 300 feet indoors.

Access Point: A wireless Access Point is used to connect PC's with wireless adapter cards to a wired Ethernet network. Sometimes people may refer to an Access Point as a Wireless Hub.

Adapter: A wireless adapter or NIC (Network Interface Card) that is used to connect to a laptop or PC to a wireless LAN (Local Area Network).

Ad-hoc: An Ad-hoc wireless network is made up of a group of PC's and/or laptops connected as an independent wireless LAN.

Client Bridge: A Client or wireless bridge is a hardware component used to connect two or more network segments (LANs or parts of a LAN) which are physically and logically (by protocol) separated. Wireless bridge devices work in pairs, one on each side of the "bridge". However, there can be many simultaneous "bridges" using one central device to multi-points.

Encryption: Encryption is used to hide or mask the data being sent through wireless transmissions. There are several popular and widely used encryption methods used today including WEP (Wired Equivalent Privacy, and WPA (WiFi Protected Access).

Hot Spot: A wireless Hot Spot is a public area where wireless laptops can connect to WLAN and receive Internet access.

ISM Band: The ISM (Industrial, Scientific and Medical) band, which is controlled by the FCC in the US, generally requires licensing for various spectrum use. To accommodate wireless LAN's, the FCC has set aside bandwidth for unlicensed use including the 2.4Ghz spectrum where many WLAN products operate.

MIMO: Multiple-Input and Multiple-Output, or MIMO (commonly pronounced my-moh or me-moh), is the use of multiple antennas at both the transmitter and receiver to improve communication performance. It is one of several forms of smart antenna technology.

Roaming: The ability to use a wireless device and be able to move from one access point's range to another without losing the connection.

Router: A wireless router is a protocol dependent device that is used to connect sub networks or different independent WLANs together. Routers provide security as they can be configured to only allow certain users access to different services such as the Internet and file servers when connecting a WLAN to the Internet a router is required.

SOHO (Small Office/Home Office): Is a widely used acronym which defines applications or products used in homes or in small offices.

SSID: The SSID is the unique name shared among all devices on the same wireless network

WiFi: WiFi stands for Wireless Fidelity and is used to define any of the IEEE 802.11 wireless standards. The term WiFi was created by the Wireless Ethernet Compatibility Alliance (WECA). Products certified as WiFi compliant are interoperable with each other even if they are made by different manufacturers.

WiMax: The term is abbreviated from Worldwide Interoperability for Microwave Access, is a popular name of the 802.16 wireless metropolitan-area network standard, including both 802.16-2004 for fixed WiMax and 802.16-2005 for mobile WiMax. WiMax has a range of up to 31 miles. Data rates for WiMax can reach up to 75 Mbps (Fixed) or 15 Mbps (Mobile). WiMax technology can deliver high-speed Internet access to rural areas and other locations.

	802.11a	802.11b	802.11g	802.11n
Speed	Up to 54 Mbps	Up to 11 Mbps	Up to 54 Mbps	Up to 300 Mbps
Frequency	5 GHz	2.4 GHz	2.4 GHz	2.4 GHz or 5 GHz
Indoor Range	25-75 feet	100-200 feet	100-200 feet	300 feet
Compatibility	Incompatible with 801.11b and 802.11g	Compatible with 802.11g	Compatible with 802.11b	Compatible with 802.11b, 802.11g, 802.11a (5GHz)

L-com Global Connectivity

EnGenius® Access Points/Routers/Bridges/Clients

L-com now offers a broad line of EnGenius® access points, routers and wireless bridges.

EnGenius® ECB Series Access Points

With the quality and functionality expected of an EnGenius® product, the ECB Series provides up to 400mW of high wireless output power and also adds advanced features such as SNMP management, Wireless Distribution System (WDS), and Power-over-Ethernet (PoE) capability.

Item #	Description	List Price
EN-ECB-3500	EnGenius Multi Function 802.11b/g AP/Router/Bridge	109.00
EN-ECB-9500	EnGenius Multi Function 802.11n AP/Router/Bridge	109.00

EnGenius® EOC, EOA, EOR and EAG Series Outdoor Access Points

The EOC series brings superior range with its 400mW high wireless output power, and the flexibility you need for adaptable deployments such as industrial grade outdoor enclosures, antenna options, and 802.3af Power-over-Ethernet (PoE) certification.

Item #	Description	List Price
EN-EOC-1650	EnGenius 802.11g Access Point/Client Bridge/Client Router	61.00
EN-EOA-3630	EnGenius 802.11b/g AP/CB/WDC. 600mW, 5dBi Antenna	149.99
EN-EOA-7530	EnGenius 802.11a/b/g Outdoor Dual Radio Access Point/Repeater Client Bridge	319.00
EN-EOC-2611P	EnGenius 802.11g Outdoor HP 600mW CB/AP Dual Antenna Polarity	87.00
EN-EOC-5611P	EnGenius 802.11a/g Outdoor HP 600mW CB/AP Dual Antenna Polarity	98.00
EN-EOC-MK	EnGenius Mounting Kit, EOC Radio Wall/Pole	39.00
EN-EOR-7550	EnGenius AP/CB/CR, 600/150MmW 6dBi Antenna	159.00

EnGenius® EAP, ERB, ESR, and ETR Series A/P Routers Indoor

This Series of A/P routers include "smoke detector" versions, mini routers and high power A/P routers. Some have integral antennas while others permit external and detachable antennas to be deployed for better coverage.

Item #	Description	List Price
EN-EAP-3660	EnGenius 802.11b/g "Smoke Detector" Access Point	109.00
EN-EAP-9550	EnGenius Wireless N Router/Repeater "Smoke Detector"	109.00
EN-ERB-9250	EnGenius 802.11b/g/n Wireless N Range Extender-300Mbps	49.99
EN-ESR-1221-EXT	EnGenius 802.11g Mini Router	41.00
EN-ERS-7750	EnGenius 802.11a/b/g/n Dual Band Wireless N Router-300Mbps	159.99
EN-ERS-9752	EnGenius 802.11b/g/n Wireless N Router with Detachable Antenna-300Mbps	49.99
EN-ERS-9850	EnGenius 802.11b/g/n Wireless N Router with 4-Port Gigabit Switch-300Mbps	69.99
EN-ERS-9855G	EnGenius 802.11b/g/n Wireless N Gaming Router with Dual Antenna 4-Port Gigabit Switch	99.99
EN-ERT-9330	EnGenius Wireless N Travel Router-300Mbps	49.99

EnGenius® EUB Series 802.11b/g High Power USB Adapter

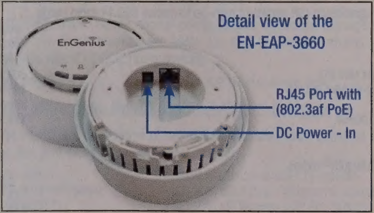
The EnGenius® EUB series USB WLAN adapters are designed for users who require maximum range and performance in their wireless networks. The EUB series offers a rich feature set including security features such as WPA and 802.1x.

Item #	Description	List Price
EN-EUB-9603EXT	EnGenius 802.11b/g/n High Power USB Adapter with External Antenna	29.99
EN-EUB-9603H	EnGenius 802.11b/g/n High Power USB Adapter	44.99
EN-EUB-9706	EnGenius 802.11b/g/n Wireless N USB Adapter-300Mbps	29.99
EN-EUB-9707	EnGenius 802.11b/g/n High Power Dongle USB Adapter	24.99
EN-EUB-9801	EnGenius 802.11b/g/n Wireless N USB Dual Band Adapter-300Mbps	39.99

EnGenius® 802.11a/b/g Mini PCI Type III RF Module

These are EnGenius® high powered embedded radios. They come in various styles, all adaptable to integrated applications. The power output of the transmitter assures strong performance when coupled to PoE power and HyperLink™ antennas.

Item #	Description	List Price
EN-EMP-3602	EnGenius 802.11g HP 250mW Atheros Mini-PCI IIIB	29.00
EN-EMP-8603	EnGenius 802.11a/b/g Mini PCI Type IIIA RF Module	76.00
EN-EPI-3601-S	EnGenius 802.11b/g HP 600mW PCI Adapter with External Antenna-SuperG 108Mbps	25.00



Detail view of the EN-EAP-3660

Aesthetic "Smoke Detector" Design
- Minimal footprint and no protruding antennas
- Designed to blend in to various business environments
- Unobtrusive design prevents tampering to protect your Investment

High 600mW Wireless Power
- Ensures robust signal to overcome long distances
- Offers superior WiFi coverage than leading brands

Multiple Wireless Names
- Broadcast multiple WiFi networks with one device
- Permits different levels of network access (VLAN Tagging)

Power-over-Ethernet (802.3af Compliant)
- Power and data over one cable to ease deployment

ALCON® 802.11a/b/g/n and Super G Wireless Access Points and MESH Radios

The ALCON® 802.11 Access Point and MESH Radios provide the user and installer with a number of very versatile and powerful radios for installations where performance, range and coverage are challenging. These radios provide coverage for 2.4 GHz and 5.8 GHz frequency ranges in IEEE 802.11a/b/g/n and Super G, as specified by each radio. The power of each radio, when teamed with the correct antennas, provide extend range and wide area coverage. The ALCON® radios below are an excellent selection option for commercial and industrial applications and installation.

Item #	Description	List Price
ALR-ASU-24005G-N	WiFi AP/Bridge/Repeater 150mW, 801.11b/g	359.00
ALR-ASU-5000-N	WiFi AP/Bridge/Repeater 100mW, 802.11a	575.00
ALR-APRO-2408G-N	WiFi AP/Bridge/Repeater 800mW, 801.11b/g	975.00
ALR-APE-2408G-N	WiFi AP/Bridge/Repeater 800mW, 802.11b/g	875.00
ALR-AMESH-100	WiFi MESH Network 100mW	425.00
ALR-AMESH-500	WiFi MESH Network 500mW	625.00

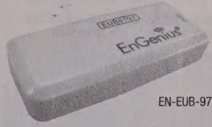
EN-ECB-3500

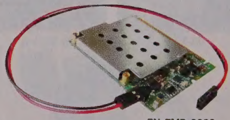
EN-EOC-5611P

EN-EAP-3660

EN-ESR-1221-EXT

EN-EUB-9603EXT


EN-EUB-9707


EN-EMP-8603

ALR-ASU-24005G-N

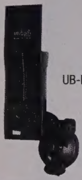
Same day shipping
Orders placed before 4:00 EST
ship the same day.

UB-BULLET2HP

UB-NS2
Front View

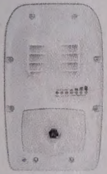
UB-NS2
Side View

UB-NS2
Back View



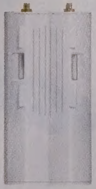
UB-NS-WM

UB-PS2-EXT
Front View

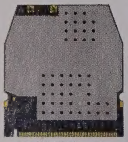


UB-PS2-EXT
Back View

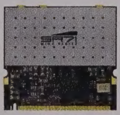
UB-ROCKETM5
Front View



UB-ROCKETM5
Back View



UB-XR-9



UB-SR71-A

ARK5158DP-29D-1

Ubiquiti® Access Points/Routers/Bridges/Clients

As a distributor of Ubiquiti® WLAN products, L-com can now provide a complete wireless solution to our customers.

Ubiquiti® Bullet Series Inline Wireless Access Points

Instantly transform any antenna into a carrier class radio system with Ubiquiti's unique Bullet series inline wireless access points. The Bullet features a signal strength LED meter for precise antenna alignment, a low-loss integrated N-type RF connector, and a robust weatherproof design.

Item #	Description	List Price
UB-BULLET2	Ubiquiti Inline 802.11b/g Access Point	39.00
UB-BULLET5	Ubiquiti Inline 802.11b/g Access Point	63.95
UB-BULLET2HP	Ubiquiti Inline 802.11b/g High Power Access Point	79.00
UB-BULLETM2HP	Ubiquiti Inline 802.11b/g High Power Access Point	79.00
UB-BULLETM5HP	Ubiquiti Inline 802.11b/g High Power Access Point	79.00

Ubiquiti® NanoStation, Loco, RouterStation, and WiFiStation Access Points

The NanoStation, Loco, RouterStation and WiFiStation series product provide lower cost while maintaining the reliability and performance associated with the Ubiquiti line of wireless radios.

UB-NS2	Ubiquiti NanoStation 2 802.11b/g Access Point	79.00
UB-NS5	Ubiquiti NanoStation 5 802.11a Access Point	89.00
UB-NS2L	Ubiquiti NanoStation Loco (low cost) 802.11b/g Access Point	52.95
UB-NS5L	Ubiquiti NanoStation 5 Loco 802.11a Access Point	69.00
UB-NS-WM	Ubiquiti NanoStation Window Mounting Kit	19.95
UB-RS	Ubiquiti RouterStation, 3 MPCI 64mb SDRM	69.99
UB-RS-PRO	Ubiquiti RouterStation PRO, 4-Port G-Bit	89.00
UB-WS	Ubiquiti WiFi Station USB 1000mW, 802.11g/n	29.99
UB-WS-EXT	Ubiquiti WiFi Station USB 1000mW, 802.11g/n External ANT	29.99
UB-WS5	Ubiquiti WispStation 5, 5.2-5.8 GHz	49.99

Ubiquiti® NanoStation and Loco M Series Access Points

The NanoStation M series access points feature optimized cross-polarity isolation and in a compact form-factor. Additionally, these robust access points provide 150+ Mbps real outdoor throughput and up to 15 km+ range. Featuring 2x2 MIMO technology, the new NanoStation M links significantly faster and farther than ever before.

UB-NSM2	Ubiquiti NanoStation M 802.11b/g Access Point	89.99
UB-NSM5	Ubiquiti NanoStation M 802.11a Access Point	89.99
UB-NSM365	Ubiquiti NanoStation M365, AP/Bridge	169.99
UB-NSLM5	Ubiquiti NanoStation Loco M5 AP 13 dBi	69.99
UB-NSLM900	Ubiquiti NanoStation Loco 900 MHz AP	159.99

Ubiquiti® PowerStation, PowerBridge, AirRouter, and AirWire Series Access Points

The PowerStation and PowerBridge series are versatile open architecture 802.11 based, high powered outdoor wireless platforms that can be used for AP, Bridge, PMP Station and Mesh networking clients. The AirWire and AirRouter are also high powered radios with multiple applications.

UB-PBM5	Ubiquiti ANT/RADIO Integral 5 GHz 26 dBi	269.99
UB-AIRROUTER	Ubiquiti SOHO A/P Router Bridge 2.4/5 GHz	39.99
UB-AIRWIRE	Ubiquiti MIMO Wireless Ethernet Kit	139.99
UB-PS2-EXT	Ubiquiti PowerStation 2 802.11b/g Access Point	159.00
UB-PS5-EXT	Ubiquiti PowerStation 5 802.11b/g Access Point	179.00

Ubiquiti® Rocket M Series Access Points

The Rocket is a rugged, hi-power, very linear 2x2 MIMO radio with enhanced receiver performance. It features incredible range performance (50+km) and breakthrough speed (150+Mbps real TCPI/IP). The Rocket M series was specifically designed for outdoor PtP bridging and PTMP Airmax base-station applications.

UB-ROCKETM2	Ubiquiti Rocket M Series 802.11b/g Access Point	89.99
UB-ROCKETM5	Ubiquiti Rocket M Series 802.11a Access Point	89.99
UB-ROCKETM365	Ubiquiti Rocket M365 AP/Bridge	189.99
UB-ROCKETM900	Ubiquiti Rocket M900 AP/Bridge	189.99

Ubiquiti® Radio Modules

The XtremeRange series of radio modules by Ubiquiti® leverages the strong knowledge and experience gained from customer interactions, field performance evaluations and lab research; and improves upon the original and highly successful SuperRange (SR series) of high-performance 802.11 radio cards.

UB-XR-2	Ubiquiti XtremeRange 2.4 GHz Mini-PCI Module	99.95
UB-XR-5	Ubiquiti XtremeRange 5 GHz Mini-PCI Module	99.95
UB-XR-9	Ubiquiti XtremeRange 900 MHz Mini-PCI Module	129.95
UB-SR2	Ubiquiti Super Range 2.4 GHz PCI IIIA, 802.11b/G 32-Bit Mini-PCI	109.95
UB-SR5	Ubiquiti Super Range 5.2/5.9 GHz PCI III, 802.11b/G 32-Bit Mini-PCI IIIA	109.95
UB-SR71-A	Ubiquiti 32-Bit Mini PCI 802.11a/b/g/n MIMO Module	99.95
UB-SR71-C	Ubiquiti MIMO Radio 2.4/5 GHz PCI III, 802.11a/b/g/n 100mW	139.99

Ubiquiti® PoE Series

Ubiquiti® PoE Series are matched to the radios and offer excellent performance with Ubiquiti® radios.

UB-POE15	Ubiquiti PoE Injector, 15V	9.00
UB-POE24	Ubiquiti PoE Injector, 24V	15.00
UB-POEI8023AF-OD	Ubiquiti PoE Instant 802.3af/Indoor, 48V	19.00
UB-POEI8023AF-ID	Ubiquiti PoE Instant 802.3af/Outdoor, 48V	19.00

HyperLink™ Dual Polarity Dish Antenna Kits with Ubiquiti® Rocket M5 Radios

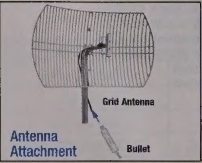
L-com has dual polarity high gain dish antennas with Ubiquiti® Rocket M5 Radios for use in large, long range system applications, where maximum performance is needed.

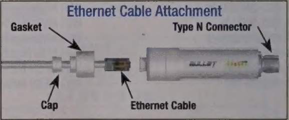
ARK5158DP-29D-1	28.5 dBi, Dual Polarized, 600mm Dia, Integral NF Connector	297.49
ARK5158DP-32D-1	32 dBi, Dual Polarized, 900mm Dia, Integral NF Connector	369.99

Ubiquiti® Bullet Inline Access Point Provides Reliable System Performance

The Bullet features a signal strength LED meter for antenna alignment, a low-loss integrated Type N RF connector and a quick and robust weatherproof design.

- No radio card/host board issues
- No RF cable quality concerns
- No mechanical stability concerns
- No enclosure mounting requirements





Bullet Top View
Built inside the Type N connector is a custom gasket that creates a waterproof seal straight to the antenna connector.

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Helpful videos
How-to videos help with some of today's popular product applications. L-com.com/Tips

RoHS L-com Brand CPE Wireless Access Points

Today's wireless market, more specifically the outdoor wireless market, continues to demand higher transmit power, greater dependability and advanced feature sets, all while keeping the client-side cost down. L-com brand CPEs are all-in-one cost effective weatherproof wireless devices featuring high output power as well as all the essential features for both operating as an Access Point or a CPE Client. This dual approach offers greater flexibility and reduced inventory stock as these units can perform all that is required for establishing reliable wireless networks.

Item #	Description	List Price
WLAN-LCCPE28-1	2.4GHz 802.11b/g/n Outdoor CPE	69.99
WLAN-LCCPE516-1	5GHz 802.11a/n Outdoor CPE	84.99

RoHS L-com Brand USB Series Wireless Adapters

WLAN-LCUSB-01	USB 2.0 Wireless 802.11g Adapter with 2 dBi Antenna	19.99
WLAN-LCUSB2458	USB 2.0 Wireless 802.11a/b/g/n Adapter with 5 dBi Antenna	40.00

RoHS L-com Brand High Powered Wireless USB Adapter

The L-com WLAN-LCUSB2415 is a high power, up to 1W RF transmit power, wireless USB adapter which increases the wireless signal strength and extends wireless coverage. This high power USB adapter supports higher data rates up to 150Mpbs when connected to a wireless 802.11n device, making signal travel farther and guarantee wireless connections compared to a standard wireless 802.11b/g network.

WLAN-LCUSB2415	USB 2.0 Wireless 802.11b/g/n Adapter	53.99

Planet 802.11n Wireless Broadband Router

The WNRT-625 is a broadband router integrated with an 802.11n Access Point.

WNRT-625	Planet 802.11n Wireless Broadband Router	79.00
WNRT-625G	Planet RTR 802.11n 300Mbps	99.00
WLAN-WNRT620	Planet PRE 802.11n MIMO Router	129.00

Planet 802.11a/b/g Outdoor MESH Access Points

The Planet Mesh Access Point, MAP-3020 and MAP-3120, are designed with IEEE 802.11a/b/g standards and addressed on providing a high performance Mesh network. It provides local wireless connectivity at any location over a self-adaptation mesh backhaul.

MAP-3020	Planet 802.11a/b/g Outdoor MESH Access Point	1059.00
MAP-3120	Planet Outdoor MESH AP 802.11a/b/g	529.95

Planet 802.11a/b/g Indoor MESH Access Point

The MAP-2100 indoor access point supports IEEE 802.11a/b/g standards and provides a highly scalable mesh network. All mesh nodes can operate at 2.4 GHz for long range and better penetration, or at 5 GHz to minimize frequency interference.

MAP-2100	Planet 802.11a/b/g Indoor MESH Access Point	429.00

Planet Wireless G 54 Mbps PC Cardbus Adapter

The Planet IEEE 802.11g wireless adapter can operate in either Ad-Hoc mode (Point to Point/Point to Multipoint without an Access Point) or in Infrastructure mode (Point to Point/Point to Multipoint with an Access Point).

WLAN-NIC3560	Planet Wireless G 54Mbps PCMCIA Adapter	35.00

Planet 802.11n Wireless PCI Adapter

The Planet WNL-9330 is a PCI 2.2 wireless adapter that integrates one transmit channel and two concurrent receive channels; thus, it supports up to 150 Mbps upload and 300 Mbps download data rate.

WNL-9330	Planet 802.11n Wireless PCI Adapter	44.44

Planet 802.11n Indoor Access Point

The PLANET WNAP Series access points feature advanced management features, superior encryption standard and is cost effective. The built-in IEEE 802.11n single antenna and MIMO (up to 3 Tx, Transmit chains / 3 Rx, Receive chains) technology enables the data rate up to 300Mbps and is compatible with IEEE 802.11b/g devices.

WNAP-3000PE	Planet 802.11n PoE Access Point	169.99

NETGEAR Access Points/Routers/Client Bridges

NETGEAR offers a wide range of radios for SOHO and small business applications. L-com offers a selection below and others are available by special order. Ask your sales representative for details.

WLAN-WG111	NETGEAR USB 2.0 to 802.11g Adapter	53.00
WLAN-WN311B-100NAS	NETGEAR 802.11b/g/n Wireless PCI Adapter	82.98
WLAN-WG511	NETGEAR NIC Wireless G 32 BIT Cardbus	53.00
WLAN-WG602	NETGEAR Wireless AP 802.11g 54Mbps	79.00
WLAN-WGR614	NETGEAR Wireless Router 802.11g	53.00
WLAN-WGR614NA	NETGEAR 802.11g Wireless Router	47.00
WLAN-WNR2000-100NAS	NETGEAR 802.11b/g/n Wireless N Router	59.99
WNAP210-100NAS	NETGEAR Prosafe 802.11n Ap with PoE	199.00
WNDA3100-100NAS	NETGEAR 802.11a/b/g/n Wireless Dual Band USB Adapter	84.74
WNDAP330-100NAS	NETGEAR ProSafe® Dual Band Wireless N Access Point with Integrated PoE	392.65
WNDPAP350	NETGEAR ProSafe® Dual Band Wireless N Access Point	275.95

Linksys Access Points/Routers/Client Bridges

Linksys offers a wide range of radios for business, SOHO and home applications. L-com offers a small selection below and others are available by special order. Ask your sales representative for details.

WLAN-WAP610N	Linksys Wireless Access Point, Dual Band, 802.11N	129.99
WLAN-WRT54GL	Linksys 802.11g Broad Band Router 4 10/100	89.00
WLAN-WRVS4400N	Cisco/Linksys 802.11b/g/n Wireless N Gigabit Security Router with VPN	249.00

WLAN-LCCPE28-1

WLAN-LCCPE516-1

WLAN-LCUSB2458

WLAN-LCUSB2415

MAP-2100

WNDA3100-100NAS

WLAN-WAP610N

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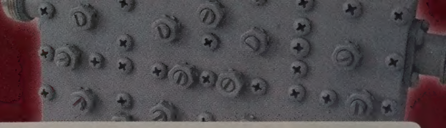
L-com Global Connectivity



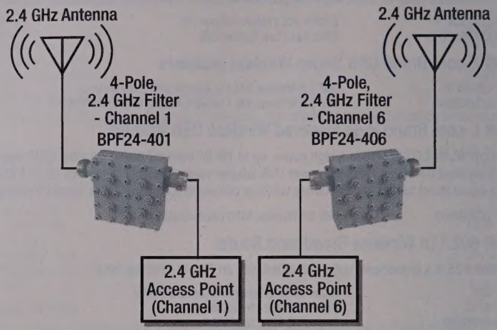
RF Filters / Splitters Tutorial

What are RF Filters?

RF Filters reduce out of band interference and improve performance of co-located equipment. An RF Filter will only pass the frequency and channel you are transmitting or receiving and reduce the interference of signals outside your channel. Interference is usually caused by transmission sources near the channel you are transmitting on.

L-com's RF Filters are available in full band versions or fixed channel versions and provide excellent channel rejection. All filters feature rugged aluminum construction and are available for indoor or outdoor applications.

Typical RF Filter Application


2.4 GHz Antenna
2.4 GHz Antenna
4-Pole, 2.4 GHz Filter - Channel 1 BPF24-401
4-Pole, 2.4 GHz Filter - Channel 6 BPF24-406
2.4 GHz Access Point (Channel 1)
2.4 GHz Access Point (Channel 6)

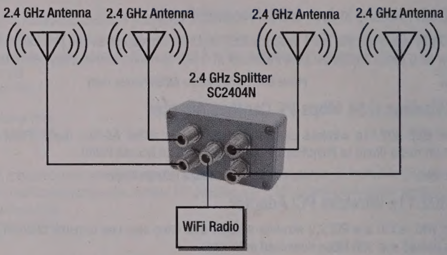
2.4 GHz Bandpass Channel Filter Application

What are RF Splitters/Combiners?

An RF Splitter/Combiner is a transmission component which divides or sums power between two or more ports. Typically they are used for connecting more than one antenna to a single radio and can also be used to connect multiple radios to a single antenna using the same frequency.

For more useful information go to....
L-com.com/Resources

Typical RF Splitter Application

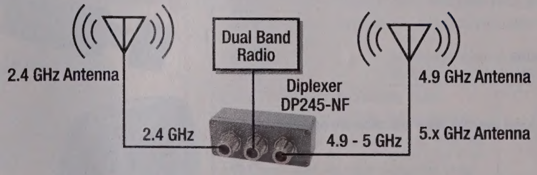


4-Way Signal Splitter Application

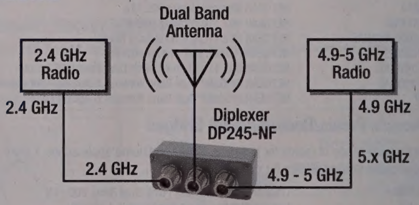
What are RF Diplexers?

An RF Diplexer is a device that combines two signals onto a single transmission line. In general the two signals operate at different frequencies. L-com's Diplexers are designed to split 2.4 GHz and 5 GHz from a single radio feed to separate 2.4 GHz and 5 GHz antennas. Many dual-band 802.11a/b/g radios share a single antenna. These devices split these signals so that two separate 2.4 GHz and 5 GHz antennas can be used to improve performance. In addition, L-com Diplexers can also be used to combine 2.4 GHz or 5 GHz signals onto a single cable.

Typical RF Diplexer Applications



Dual Band Radio Application



Dual Band Antenna Application

L-com® Global Connectivity

Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

HyperLink™ 800 MHz, 900 MHz, 2.4 GHz, 3.5 GHz and 5.8 GHz Signal Splitters/Signal Combiners

L-com's signal splitters/signal combiners are used for connecting more than one antenna to a single radio. They feature weatherproof construction and can be installed indoors or outdoors. These flexible splitters can be used with amplified systems since they will pass DC power to all ports.

☑RoHS 800-2600 MHz Broadband Signal Splitters

Item #	Description	1-9	10-24	25-99	100-249	250-499
SCW02N	2-Way, Type N-Female Connectors	39.99	35.99	31.99	27.99	23.99
SCW03N	3-Way, Type N-Female Connectors	59.99	53.99	47.99	41.99	35.99
SCW04N	4-Way, Type N-Female Connectors	79.99	71.99	63.99	55.99	47.99

☑RoHS 900 MHz Signal Splitters

Item #	Description	1-9	10-24	25-99	100-249	250-499
SC902N	2-Way, Type N-Female Connectors	49.99	44.99	39.99	34.99	29.99
SC903N	3-Way, Type N-Female Connectors	59.99	53.99	47.99	41.99	35.99

☑RoHS 2.4 GHz Signal Splitters

Item #	Description	1-9	10-24	25-99	100-249	250-499
SC2402N	2-Way, Type N-Female Connectors	49.99	44.99	39.99	34.99	29.99
SC2402RTM	2-Way, RP-TNC Jack Connectors	49.99	44.99	39.99	34.99	29.99
SC2403N	3-Way, Type N-Female Connectors	59.99	53.99	47.99	41.99	35.99
SC2403RTM	3-Way, RP-TNC Jack Connectors	59.99	53.99	47.99	41.99	35.99
SC2404N	4-Way, Type N-Female Connectors	69.99	62.99	55.99	48.99	41.99
SC2404RTM	4-Way, RP-TNC Jack Connectors	69.99	62.99	55.99	48.99	41.99

☑RoHS 3.5 GHz Signal Splitters

Item #	Description	1-9	10-24	25-99	100-249	250-499
SC3502N	2-Way, Type N-Female Connectors	39.99	37.99	35.99	33.99	CALL
SC3504N	4-Way, Type N-Female Connectors	69.99	66.49	62.99	59.49	CALL

☑RoHS 5.8 GHz Signal Splitters

Item #	Description	1-9	10-24	25-99	100-249	250-499
SC5802N	2-Way, Type N-Female Connectors	99.99	89.99	79.99	69.99	59.99
SC5804N	4-Way, Type N-Female Connectors	159.99	143.99	127.99	111.99	95.99

2.4 GHz, 4.9 GHz, 5.8 GHz and 900 MHz Ultra High Q WiFi Bandpass Channel Filters

L-com's 2.4 GHz, 4.9 GHz, 5.8 GHz and 900 MHz 4-Pole and 8-Pole Ultra-High Q WiFi channel filters are ideal for co-located equipment installations. Available in full band versions or fixed channel versions, they provide excellent channel rejection. All filters listed in this section feature N-Female connectors.

☑RoHS 2.4 GHz Indoor Filters

Item #	Description	1-9	10-24	25-99	100-249	250-499
BPF24-401	4-Pole, Indoor, Channel 1	69.99	64.39	58.79	53.19	CALL
BPF24-403	4-Pole, Indoor, Channel 3	69.99	64.39	58.79	53.19	CALL
BPF24-406	4-Pole, Indoor, Channel 6	69.99	64.39	58.79	53.19	CALL
BPF24-409	4-Pole, Indoor, Channel 9	69.99	64.39	58.79	53.19	CALL
BPF24-411	4-Pole, Indoor, Channel 11	69.99	64.39	58.79	53.19	CALL
BPF2400	4-Pole, Indoor, Full Band	99.99	91.99	83.99	75.99	CALL
BPF24-801	8-Pole, Indoor, Channel 1	89.99	82.79	75.59	68.39	CALL
BPF24-803	8-Pole, Indoor, Channel 3	89.99	82.79	75.59	68.39	CALL
BPF24-806	8-Pole, Indoor, Channel 6	89.99	82.79	75.59	68.39	CALL
BPF24-809	8-Pole, Indoor, Channel 9	89.99	82.79	75.59	68.39	CALL
BPF24-811	8-Pole, Indoor, Channel 11	89.99	82.79	75.59	68.39	CALL
BPF24-813	8-Pole, Indoor, Channel 13	89.99	82.79	75.59	68.39	CALL
BPF24-814	8-Pole, Indoor, Channel 14	89.99	82.79	75.59	68.39	CALL

☑RoHS 2.4 GHz Outdoor Filters

Item #	Description	1-9	10-24	25-99	100-249	250-499
BPF2400A	4-Pole, Outdoor, Full Band	149.99	137.99	125.99	113.99	101.99
BPF24-801A	8-Pole, Outdoor, Channel 1	124.99	114.99	104.99	94.99	CALL
BPF24-806A	8-Pole, Outdoor, Channel 6	124.99	114.99	104.99	94.99	CALL
BPF24-809A	8-Pole, Outdoor, Channel 9	124.99	114.99	104.99	94.99	CALL
BPF24-811A	8-Pole, Outdoor, Channel 11	124.99	114.99	104.99	94.99	CALL
BPF24-813A	8-Pole, Outdoor, Channel 13	124.99	114.99	104.99	94.99	CALL

☑RoHS 900 MHz Indoor and Outdoor Filters

L-com's 900 MHz 4-Pole ultra-high Q full band filters are designed for full band applications. By reducing interference outside the 915 MHz band such as from cellular and paging signals, improved performance in noisy environments can be achieved.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BPF900	4-Pole, Indoor, Full Band	99.99	91.99	83.99	75.99	67.99
BPF900A	4-Pole, Outdoor, Full Band	149.99	137.99	125.99	113.99	101.99

☑RoHS 4.9 GHz Indoor/Outdoor Filters

Item #	Description	1-9	10-24	25-99	100-249	250-499
BPF4900A	4-Pole, Outdoor/Indoor, Full Band	149.99	137.99	125.99	113.99	101.99

☑RoHS 5.8 GHz Indoor/Outdoor Filters

Item #	Description	1-9	10-24	25-99	100-249	250-499
BPF5800A	4-Pole, Outdoor/ Indoor, Full Band	149.99	137.99	125.99	113.99	101.99

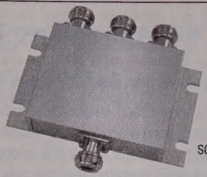
☑RoHS 2.4/5 GHz Diplexers

HyperLink™ 2.4/5 GHz diplexers are designed to split 2.4 GHz and 5 GHz from a single radio feed to separate 2.4 GHz and 5 GHz antennas. They can also be used to combine those frequencies into a single cable. HyperLink™ diplexers are available for indoor and outdoor applications and feature Type N-Female connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DP245-NF	2.4/5.8 GHz, Outdoor, Type N-Female Connectors	49.99	44.99	39.99	34.99	CALL
DP2458-NF	2.4/5.8 GHz, Indoor, Type N-Female Connectors	139.99	125.99	111.99	97.99	CALL

☑RoHS Accessories

Item #	Description	1-9	10-24	25-99	100-249	250-499
ANM-TERM1	Type N-Male, 50 Ohm Terminator, 0-6 GHz	7.99	7.67	7.35	6.79	5.99
HGX-PMT14	Splitter Mast Mount Kit, 1-1/4in (3.2cm) to 2in (5.1cm) Diameter	12.99	11.69	10.39	9.09	CALL
HGX-AMOUNT02	Splitter Wall/Enclosure Mounting Kit	9.99	8.99	7.99	6.99	5.99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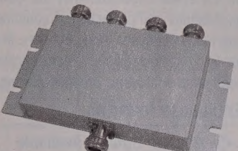
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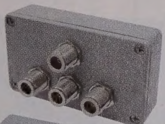
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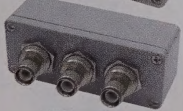
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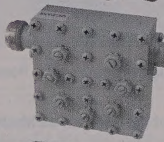
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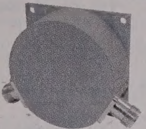
BPF24-806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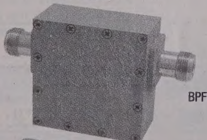
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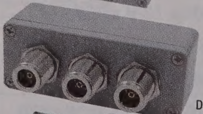
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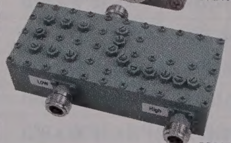

DP2458-NF

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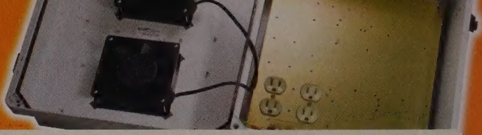
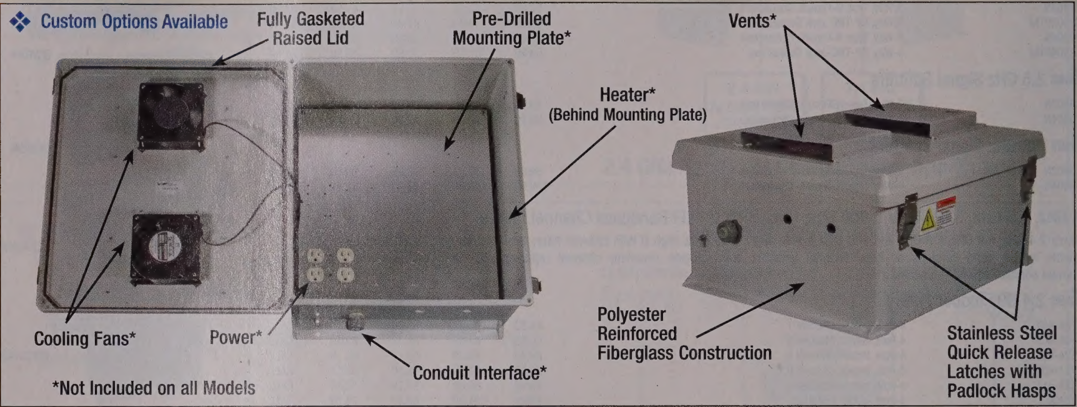


NEMA Enclosures Tutorial

Ideal for wired and wireless applications

L-com's HyperLink™ Weatherproof Industrial Enclosures are ideal for Municipal/State/Federal wired and remote sensor applications (Water Management, Traffic controls, Utility monitoring stations, etc.); secure WLAN WiFi equipment installations; Industrial Data and Control Systems in factories and manufacturing plants; SCADA applications and field installations; indoor and outdoor or hot and cold temperature environments where equipment and critical systems need power, connectivity, protection and security for the system operator. They are also great for solar powered applications, use in corrosive environments, sub-zero installations for monitoring and reporting, hotspot applications and protection of equipment from theft or damage. Available with a the widest range of enclosure options including heat, cooling and Power-over-Ethernet interfaces of anyone in the industry. In addition to our standard enclosure products listed below, we can custom manufacture enclosures based on customer requirements for large-scale projects. L-com enclosures offer the quality built, professionally integrated NEMA Enclosures for the systems user with the largest "OFF-THE-SHELF" configured enclosures product offerings of any supplier in the world.

Enclosure features


❖ Custom Options Available
Fully Gasketed Raised Lid
Pre-Drilled Mounting Plate*
Vents*
Heater* (Behind Mounting Plate)
Cooling Fans*
Power*
Conduit Interface*
Polyester Reinforced Fiberglass Construction
Stainless Steel Quick Release Latches with Padlock Hasps
*Not Included on all Models

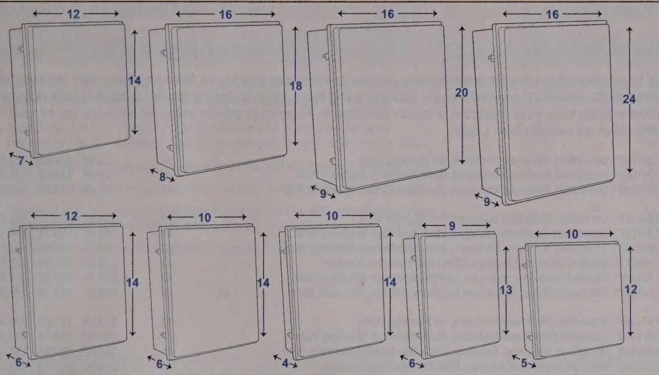
Product Number - Weatherproof Industrial Enclosures

N B 1 4 1 2 0 7 - 1 H F S

Enclosure Options
Enclosure Type
Enclosure Size
Blank = Fiberglass, E = Economy, P = ABS, S = Steel, W= Window
Indicates Enclosure Series

Enclosure Size	Enclosure Type	Enclosure Options
121005 = 12"H x 10"W x 5"D	0 or no number = Non-Powered	V = Vented 🟧
130906 = 13"H x 9"W x 6"D	1 = 120 VAC	H = Heater 🟥
141004 = 14"H x 10"W x 4"D	2 = 240 VAC	F = Cooling Fan(s) 🟦
141006 = 14"H x 10"W x 6"D	4 = Power over Ethernet (PoE)	S = Solid State Heat/Fan Controller ▨
141206 = 14"H x 12"W x 6"D	5 = 12 VDC	D = Dual Fan ▲
141207 = 14"H x 12"W x 7"D	E = Universal Power Outlet	N = Insulated for sub-zero Applications ❄
181608 = 18"H x 16"W x 8"D		AF = 802.3AF Compliant
201609 = 20"H x 16"W x 9"D		T = Includes Terminal Block
241609 = 24"H x 16"W x 9"D		DR = Includes DIN Mounting Rail

❖ Custom Options Available



L-com's NEMA enclosure and weatherproof enclosure products feature ABS, Fiberglass and Steel NEMA rated designs and are available with a wide range of sizes and options including: heat, cooling, AC or DC power, and Power over Ethernet (PoE) interfaces.

Dimensions	ABS	Fiberglass	Steel
12"H x 10"W x 5"D		✓	
13"H x 9"W x 6"D	✓		
14"H x 10"W x 4"D	✓		
14"H x 10"W x 6"D	✓		
14"H x 12"W x 6"D		✓	✓
14"H x 12"W x 7"D		✓	
18"H x 16"W x 8"D		✓	
20"H x 16"W x 9"D		✓	
24"H x 16"W x 9"D		✓	

Additional Enclosure Options	
No Suffix	Unmodified Enclosure Only
-KIT	Unmodified Enclosure w/Blank Aluminum Mounting Plate
-KIT01	Unmodified Enclosure w/Non-Metallic "Starboard" Mounting Plate
-KIT02	Unmodified Enclosure w/Blank Aluminum Mounting Plate and Installed Front Swing Plate
-01	Modified Enclosure with Blank Modified Plate
-02	Modified Enclosure Only
-03V	Modified Vented Enclosure Only

Default Temperature Setting	ON	OFF
UL Solid State Fan Controller Temp Range	93ºF / 34ºC	84ºF / 29ºC
UL Model Solid State Heater Controller Temp Range	16ºF / -9ºC	25ºF / -4ºC
PoE & Non-UL Fan Only Solid State Fan Controller Temp Range	90ºF / 32ºC	81ºF / 27ºC
Power Saver Model Fan# 2 Solid State Fan Controller Temp Range	100ºF /38ºC	91ºF / 33ºC
Heater Only Solid State Heater Controller Temp Range	15ºF / -10ºC	24ºF / -5ºC
Mechanical Fan Thermostat Controller Temp Range	120ºF / 49ºC	90ºF / 32ºC
Mechanical Heater Thermostat Controller Temp Range	40ºF / 4ºC	60°F / -15°C

NEMA/IEC NEMA, (National Electrical Manufacturers Association) and the IEC (International Electrotechnical Commission) are two standards groups, which have devised two different rating systems for enclosures, which define the enclosures resistance to dust, moisture, water immersion and ice. The IEC's rating is referred to as the IP or Ingress Protection rating. The table below outlines NEMA and IEC IP enclosure ratings. This chart only works in one direction From NEMA to IEC An IP rating only considers protection against ingress of solid foreign objects and ingress of water.

NEMA enclosure type no.	Enclosure Construction Definitions	IEC enclosure class
1	For indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt).	IP20
2	Use indoors, provides a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP22
3-3S-3X-3SX	Use for either indoors or outdoors to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); and for which the external mechanism(s) remain operable when ice laden / provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP55
3R-RX	For either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow); and that will be undamaged by the external formation of ice on the enclosure / that provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP24
4-4X	Constructed for both indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and windblown dust); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (rain, sleet, snow, splashing water, and hose directed water); and that will be undamaged by the external formation of ice on the enclosure / and that will be undamaged by the external formation of ice on the enclosure.	IP66
5	Indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and settling airborne dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP53
6	Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (hose directed water and the entry of water during occasional temporary submersion at a limited depth); and that will be undamaged by the external formation of ice on the enclosure.	IP67
6P	Constructed for both indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (hose directed water and the entry of water during prolonged submersion at a limited depth); that provides an additional level of protection against corrosion and that will be undamaged by the external formation of ice on the enclosure.	IP68
12	Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP54
12K	Use indoors (with knockouts) to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); and to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing).	IP54
13	For indoor use to provide a degree of protection to personnel against access to hazardous parts; to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects (falling dirt and circulating dust, lint, fibers, and flyings); to provide a degree of protection with respect to harmful effects on the equipment due to the ingress of water (dripping and light splashing); and to provide a degree of protection against the spraying, splashing, and seepage of oil and non-corrosive coolants.	IP54

NBW121005

NBW141207-KIT

☑RoHS NEMA 4X, Windowed Enclosures

These enclosures are designed for use as electrical junction boxes in highly corrosive environments including oil refineries, waste water treatment and marine installations, electroplating plants, agricultural environments and food processing plants. These enclosures are also suitable for both indoor and outdoor applications. The window provides easy visual inspection of interior components. Mounting stand-offs inside the enclosure can be used for mounting plates. Blank mounting plates are available from L-com.

Item #	Description	Options V H F D S R N	NEMA Rating	1-4	5-9	10-24
NBW121005	12x10x5", Unmodified Windowed Enclosure, No Mounting Plate		4X	129.98	126.08	122.18
NBW121005-KIT	12x10x5", Unmodified Windowed Enclosure, Blank Aluminum Mounting Plate		4X	144.98	140.63	136.28
NBW121005-KIT01	12x10x5", Unmodified Windowed Enclosure, Blank Non-Metallic Mounting Plate		4X	154.98	150.33	145.68
NBW141207	14x12x7", Unmodified Windowed Enclosure, No Mounting Plate		4X	154.98	150.33	145.68
NBW141207-KIT	14x12x7", Unmodified Windowed Enclosure, Blank Aluminum Mounting Plate		4X	174.98	169.73	164.48
NBW141207-KIT01	14x12x7", Unmodified Windowed Enclosure, Blank Non-Metallic Mounting Plate		4X	184.98	179.43	173.88
NBW141207-000DR	14x12x7", Modified Windowed Enclosure, DIN3 Rail Mounting Brackets		4X	189.98	184.28	178.58
NBW141207-100	14x12x7", Modified Windowed Enclosure, 120 VAC Aluminum Mounting Plate		4X	239.98	232.78	225.58
NBW141207-1H0	14x12x7", Thermostat Heated, Windowed Enclosure, 120 VAC Aluminum Plate	🟥	4X	259.98	252.18	244.38
NBW181608	18x16x8", Unmodified Windowed Enclosure, No Mounting Plate		4X	234.98	227.93	220.88
NBW181608-KIT	18x16x8", Unmodified Windowed Enclosure, Blank Aluminum Mounting Plate		4X	259.98	252.18	244.38
NBW181608-KIT01	18x16x8", Unmodified Windowed Enclosure, Blank Non-Metallic Mounting Plate		4X	268.98	260.91	252.84
NBW181608-000DR	18x16x8", Modified Windowed Enclosure, DIN3 Rail Mounting Brackets		4X	274.98	266.73	258.48
NBW181608-100	18x16x8", Modified Windowed Enclosure, 120 VAC Aluminum Mounting Plate		4X	327.98	318.14	308.30
NBW181608-1H0	18x16x8", Thermostat Heated, Windowed Enclosure, 120 VAC Aluminum Plate	🟥	4X	359.98	349.18	338.38

NB141207-01-UL

☑RoHS UL Listed Non-Powered Enclosures

These Non-Powered Industrial Enclosures are approved and listed with UL, meeting the stringent requirements for Communication Enclosure System 40XX. Use this enclosure when UL Listed products are required by the project. These Non-Powered UL Listed Industrial Enclosures are ideal for custom applications, which may require special modifications to the enclosure. Mounting stand-offs inside the enclosure can be used for mounting plates. Blank mounting plates are available from L-com.

Item #	Description	Options V H F D S R N	NEMA Rating	1-4	5-9	10-24
NB121005	12x10x5", Unmodified Enclosure, No Mounting Plate		4X	74.99	72.74	70.49
NB141207	14x12x7", Unmodified Enclosure, No Mounting Plate		4X	94.98	92.13	89.28
NB141207-01-UL	14x12x7", Modified Enclosure, Aluminum Mounting Plate		4X	179.98	174.58	169.18
NB181608	18x16x8", Unmodified Enclosure, No Mounting Plate		4X	164.98	160.03	155.08

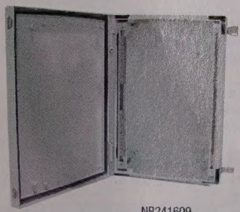
NB141207-100-UL

☑RoHS UL listed AC Powered Enclosures

L-com's UL Listed, 120 VAC powered, NEMA weatherproof rated industrial enclosures offer 120 Volt AC power to accommodate access points, routers, and other communications equipment that require 120 Volt AC power. Options include vented doors, fans, and heaters for addressing extreme environmental conditions. These UL Listed enclosures can be used in food processing, petrochemical, industrial environment, sewage processing and communication applications.

Item #	Description	Options V H F D S R N	NEMA Rating	1-4	5-9	10-24
NB141207-100-UL	14x12x7", Modified Enclosure, 120 VAC Aluminum Mounting Plate		3R	269.99	256.49	242.99
NB141207-100T-UL	14x12x7", Modified Enclosure, 120 VAC Terminal, Aluminum Plate		3R	189.98	184.28	178.58
NB141207-10FS-UL	14x12x7", Solid State Cooled Enclosure, 120 VAC Aluminum Plate	🟧 🟦 ◼	3R	279.98	271.58	263.18
NB141207-1HFS-UL	14x12x7", Solid State Heated/Cooled, 120 VAC Aluminum Plate	🟧 🟥 🟦 ◼	3R	314.98	305.53	296.08

NB141207-00V



NB241609

☑RoHS Non-Powered Industrial Enclosures

L-com's non-powered NEMA rated enclosures are perfect for housing both wired and wireless communications equipment. These robust, weatherproof enclosures feature sealed, gasketed raised lids and quick release lockable latches.

Item #	Description	Options V H F D S R N	NEMA Rating	1-4	5-9	10-24
NB121005-KIT	12x10x5", Unmodified Enclosure, Blank Aluminum Mounting Plate		4X	89.98	87.28	84.58
NB121005-KIT01	12x10x5", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		4X	99.98	96.98	93.98
NBE130906-KIT01	13x9x6", Unmodified Box, Plastic Universal Hole Matrix Mounting Plate		3R	29.99	29.09	28.19
NBE141006	14x10x6", Unmodified Enclosure, No Mounting Plate		3R	36.99	35.88	34.77
NBE141006-KIT	14x10x6", Unmodified Enclosure, Blank Aluminum Mounting Plate		3R	51.98	50.42	48.86
NBE141006-KIT01	14x10x6", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		3R	61.98	60.12	58.26
NBS141206	14x12x6", Unmodified Enclosure, No Mounting Plate		3R	159.99	155.19	150.39
NB141207-00V	14x12x7", Modified Vented Enclosure, Aluminum Mounting Plate	🟧	3R	144.98	140.63	136.28
NB141207-01	14x12x7", Modified Enclosure, Aluminum Mounting Plate		3R	129.98	126.08	122.18
NB141207-02	14x12x7", Modified Enclosure, No Mounting Plate		3R	104.98	101.83	98.68
NB141207-03V	14x12x7", Modified Vented Enclosure, No Mounting Plate	🟧	3R	119.98	116.38	112.78
NB141207-KIT	14x12x7", Modified Enclosure, Aluminum Mounting Plate		3R	114.98	111.53	108.08
NB141207-KIT01	14x12x7", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		3R	124.98	121.23	117.48
NB181608-00V	18x16x8", Modified Vented Enclosure, Aluminum Mounting Plate	🟧	3R	219.98	213.38	206.78
NB181608-01	18x16x8", Modified Enclosure, Aluminum Mounting Plate		3R	199.98	193.98	187.98
NB181608-02	18x16x8", Modified Enclosure, No Mounting Plate		3R	174.98	169.73	164.48
NB181608-03V	18x16x8", Modified Vented Enclosure, No Mounting Plate	🟧	3R	189.98	184.28	178.58
NB181608-KIT	18x16x8", Unmodified Enclosure, Blank Aluminum Mounting Plate		3R	189.98	184.28	178.58
NB181608-KIT01	18x16x8", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		3R	198.98	193.01	187.04
NB201609	20x16x9", Unmodified Enclosure, No Mounting Plate		4X	449.99	436.49	422.99
NB201609-KIT	20x16x9", Unmodified Enclosure, Blank Aluminum Mounting Plate		4X	484.98	470.43	455.88
NB201609-KIT01	20x16x9", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		4X	494.98	480.13	465.28
NB241609	24x16x9", Unmodified Enclosure, No Mounting Plate		4X	479.99	465.59	451.19
NB241609-KIT	24x16x9", Unmodified Enclosure, Blank Aluminum Mounting Plate		4X	529.98	514.08	498.18
NB241609-KIT01	24x16x9", Unmodified Enclosure, Blank Non-Metallic Mounting Plate		4X	542.98	526.69	510.40
NB241609-KIT02	24x16x9", Unmodified, Blank Non-Metallic Mounting Plate, Front Swing Plate		4X	898.00	871.06	844.12

Enclosure Options

V = Vented 🟧
H = Heater 🟥
F = Cooling Fan(s) 🟦
D = Dual Fan ▲
S = Solid State Heat/Fan Controller ◼
N = Insulated for Sub-zero Applications ❄

L-com® Global Connectivity

RoHS 120 VAC Powered Industrial Enclosures

L-com's 120 VAC NEMA rated enclosures offer 120 Volt AC power to accommodate access points, routers, and other communications equipment that require 120 Volt AC power. Enclosure sizes are available in 14 x 10 x 4", 14 x 10 x 6", 14 x 12 x 6", 14 x 12 x 7" and 18 x 16 x 8".

Item #	Description	Options (V H F D S R N)	NEMA Rating	1-4	5-9	10-24
NBP141004-100	14x10x4", Plain Box w/Velcro Pad, Duplex 120 VAC Outlet		3R	48.99	47.52	46.05
NBP141004-100-4	14x10x4", Plain Box w/Velcro Pad, Duplex 120 VAC Outlet, 4 Pack		4X	159.99	155.19	150.39
NBE141006-100	14x10x6", Modified Enclosure, 120 VAC Aluminum Mounting Plate		4X	109.99	106.69	103.39
NBS141206-100	14x12x6", Modified Enclosure, 120 VAC Aluminum Mounting Plate		4X	249.99	242.49	234.99
NB141207-100	14x12x7", Modified Enclosure, 120 VAC Aluminum Mounting Plate		4X	179.98	174.58	169.18
NB141207-100T	14x12x7", Modified Enclosure, 120 VAC Terminal, Aluminum Plate		4X	139.98	135.78	131.58
NB181608-100	18x16x8", Modified Enclosure, 120 VAC Aluminum Mounting Plate		4X	253.98	246.36	238.74

Best Seller

NBP141004-100

NB141207-100

RoHS 240 VAC Powered Industrial Enclosures

The Enclosure is a rugged weatherproof design that is ideal for both indoor and outdoor applications. Specially designed for 240 Volt applications, L-com's NEMA enclosures are perfect for use with 240 Volt communications and control equipment. Options include vented doors, fans and heaters for addressing extreme environmental conditions. They are well suited for high temperatures or corrosive environments. The integral mounting flange allows mounting on any flat surface. When used with it's optional mounting brackets, the unit can mount to a pole or column.

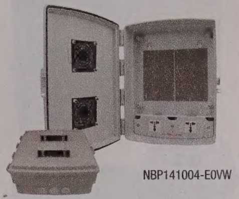
Item #	Description	Options (V H F D S R N)	NEMA Rating	1-4	5-9	10-24
NB141207-20F	14x12x7", Thermostat Cooled,240 VAC Terminal, Aluminum Plate	🟧 🟦	3R	189.98	184.28	178.58
NB141207-2H0	14x12x7", Thermostat Heated, 240 VAC Terminal, Aluminum Plate	🟥	4X	197.98	192.04	186.10
NB141207-2HF	14x12x7", Thermostat Heated/Cooled 2 Fans, 240 VAC Terminal, Aluminum Plate	🟧 🟥 ▲	3R	214.98	208.53	202.08
NB181608-20F	18x16x8", Thermostat Cooled 2 Fans, 240 VAC Terminal Aluminum Plate	🟧 ▲	3R	294.98	286.13	277.28
NB181608-2H0	18x16x8", Thermostat Heated, 240 VAC Terminal, Aluminum Plate	🟥	4X	254.98	247.33	239.68
NB181608-2HF	18x16x8", Thermostat Heated/Cooled 2 Fans, 240 VAC Terminal, Aluminum Plate	🟧 🟥 ▲	3R	336.98	326.87	316.76

NB141207-2HF

RoHS Universal AC Powered Industrial Enclosures

Specially designed for North American and European 100-250 Volt applications, L-com's NEMA enclosures are perfect for use with 100-240 Volt communications and control equipment. Options include universal duplex sockets, vented doors, fans and heaters for addressing extreme environmental conditions.

Item #	Description	Options (V H F D S R N)	NEMA Rating	1-4	5-9	10-24
NBP141004-E00	14x10x4", Plain Box w/Velcro Pad, 120-240 VAC, 2 Universal Outlets		4X	59.99	58.19	56.39
NBP141004-E00-4	14x10x4", Plain Box w/Velcro Pad, 120-240 VAC, 2 Universal Outlets, 4-Pack		4X	189.99	184.29	CALL
NBP141004-E0F	14x10x4", Vented Fan Box w/Velcro Pad, 200-240 VAC, 2 Universal Outlets	🟧 🟦	3R	104.99	101.84	98.69
NBP141004-E0FW	14x10x4", Rain Shield Fan Box w/Velcro Pad, 200-240 VAC, 2 Universal Outlets	🟧 🟦	3R	119.99	116.39	112.79
NBP141004-E0V	14x10x4", Vented Box w/Velcro Pad, 120-240 VAC, 2 Universal Outlets	🟧	3R	84.99	82.44	79.89
NBP141004-E0VW	14x10x4", Rain Shield Vented Box, Velcro Pad, 120-240 VAC, 2 Universal Outlets	🟧	3R	109.99	106.69	103.39
NB141207-E00	14x12x7", Modified Enclosure, Duplex 120-240 VAC Universal Outlet, Aluminum Plate		4X	189.98	184.28	178.58
NB141207-E0F	14x12x7", Thermostat Cooled, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧 🟦	3R	214.98	208.53	202.08
NB141207-E0V	14x12x7", Vented Enclosure, Duplex 120-240 VAC Universal Outlet, Aluminum Plate	🟧	3R	207.98	201.74	195.50
NB141207-EH0	14x12x7", Thermostat Heated Enclosure, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟥	4X	209.98	203.68	197.38
NB141207-EHF	14x12x7", Thermostat Heated/Cooled, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧 🟥 🟦	3R	234.98	227.93	220.88
NB181608-E00	18x16x8", Modified Enclosure, Duplex 120-240 VAC Universal Outlet, Aluminum Plate		4X	263.98	256.06	248.14
NB181608-E0F	18x16x8", Thermostat Cooled 2 Fans, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧 ▲	3R	344.98	334.63	324.28
NB181608-E0V	18x16x8", Vented Enclosure, Duplex 120-240 VAC Universal Outlet, Aluminum Plate	🟧	3R	283.98	275.46	266.94
NB181608-EH0	18x16x8", Thermostat Heated, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟥	3R	299.98	290.98	281.98
NB181608-EHF	18x16x8", Therm Heated/Cooled 2 Fans, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧 🟥 ▲	3R	378.98	367.61	356.24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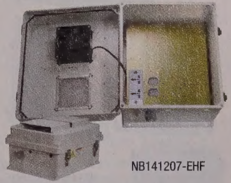

NB141207-EHF

RoHS 12 VDC Powered Industrial Enclosures

L-com's DC Voltage NEMA enclosures feature pre-drilled mounting plates. These enclosures can be used with equipment such as alarms, solar panels and other control and sensor equipment. The integral mounting flange allows mounting on any flat surface. When used with optional mounting brackets, the unit can mount to a pole or column.

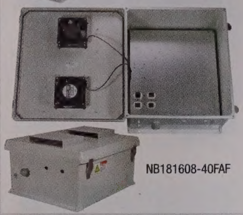
Item #	Description	Options (V H F D S R N)	NEMA Rating	1-4	5-9	10-24
NB141207-500	14x12x7" Modified Enclosure 12V DC Terminal, Aluminum Plate		4X	139.98	135.78	131.58
NB141207-50F	14x12x7" Thermostat Cooled, 12V DC Terminal, Aluminum Plate	🟧 🟦	3R	194.98	189.13	183.28
NB141207-50V	14x12x7" Vented Enclosure, 12V DC Terminal, Aluminum Plate	🟧	3R	154.98	150.33	145.68
NB181608-500	18x16x8" Modified Enclosure 12V DC Terminal, Aluminum Plate		4X	224.98	218.23	211.48
NB181608-50F	18x16x8" Thermostat Cooled, 2 Fans 12V DC Terminal, Aluminum Plate	🟧 ▲	3R	284.98	276.43	267.88
NB181608-50V	18x16x8" Vented Enclosure, 12V DC Terminal, Aluminum Plate	🟧	3R	234.98	227.93	220.88

NB141207-50F

Enclosure Options

V = Vented 🟧
H = Heater 🟥
F = Cooling Fan(s) 🟦
D = Dual Fan ▲
S = Solid State Heat/Fan Controller ◼
N = Insulated for Sub-zero Applications ❄

NB141207-40F


NB181608-40FAF

RoHS PoE Powered Industrial Enclosures

L-com offers both NEMA 3R and 4X rated weatherproof enclosures with integrated PoE interfaces. These enclosures are perfect for use in Industrial, Government and Communications providers using wireless radios, electronics, control systems and other communications equipment which support PoE applications.

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NBP141004-40F	14x10x4", Vented Fan Box w/Velcro Pad, PoE Interface	🟧		🟦			3R		129.99	126.09	122.19
NBP141004-40FW	14x10x4", Rain Shield Fan Box w/Velcro Pad, PoE Interface	🟧		🟦			3R		139.99	135.79	131.59
NBP141004-40V	14x10x4", Vented Box w/Velcro Pad, PoE Interface	🟧					3R		79.99	77.59	75.19
NBP141004-40VW	14x10x4", Rain Shield Vented Box w/Velcro Pad, PoE Interface	🟧					3R		94.99	92.14	89.29
NB141207-400	14x12x7", Modified Enclosure, 802.3af Interface, Aluminum Plate						4X		174.98	169.73	164.48
NB141207-40F	14x12x7", Thermostat Cooled Enclosure, PoE Interface, Aluminum Plate	🟧		🟦			3R		199.98	193.98	187.98
NB141207-40FS	14x12x7", Solid State Cooled Enclosure, PoE Interface, Aluminum Plate	🟧		🟦		▨	3R		224.98	218.23	211.48
NB141207-40V	14x12x7", Vented Enclosure, 802.3af Interface, Aluminum Plate	🟧					3R		192.98	187.19	181.40
NB141207-40FAF	14x12x7", Thermostat Cooled, 802.3af Interface, Aluminum Plate	🟧		🟦			3R		209.98	203.68	197.38
NB141207-40FSAF	14x12x7", Solid State Cooled, 802.3af Interface, Aluminum Plate	🟧		🟦		▨	3R		234.98	227.93	220.88
NB141207-4HON	14x12x7", Sub-zero Insulated, Thermostat Heated, 48VDC PoE, Aluminum Plate		🟥				4X	❄	274.98	266.73	258.48
NB181608-400	18x16x8", Modified Enclosure, 802.3af Interface, Aluminum Plate						4X		248.98	241.51	234.04
NB181608-40F	18x16x8", Thermostat Cooled 2 Fans, PoE Interface, Aluminum Plate	🟧			▲		3R		289.98	281.28	272.58
NB181608-40FS	18x16x8", Solid State Cooled 2 Fans, PoE Interface, Aluminum Plate	🟧			▲	▨	3R		314.98	305.53	296.08
NB181608-40V	18x16x8", Vented Enclosure, 802.3af Interface, Aluminum Plate	🟧					3R		268.98	260.91	252.84
NB181608-40FAF	18x16x8", Thermostat Cooled 2 Fans, 802.3af Interface, Aluminum Plate	🟧			▲		3R		299.98	290.98	281.98
NB181608-40FSAF	18x16x8", Solid State Cooled 2 Fans, 802.3af Interface, Aluminum Plate	🟧			▲	▨	3R		324.98	315.23	305.48

NB141207-00VDR

RoHS DIN Rail Industrial Enclosures

L-com's DIN Rail enclosures offer aluminum mounting rails inside the enclosure where DIN3 Rails like the DIN35-NB14 & DIN35-NB18 (sold separately) (page 31) can be installed. These enclosures can be used to house many of L-com's DIN Rail mount products such as Ethernet Switches, Industrial Serial Converters, power supplies and more. The HGX-PMT13 Pole Mounting Kit allows the populated enclosure to be securely mounted on poles.

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NB141207-000DR	14x12x7", Modified Enclosure, DIN3 Rail Mounting Brackets						4X		129.98	126.08	122.18
NBW141207-000DR	14x12x7", Modified Windowed Enclosure, DIN3 Rail Mounting Brackets						4X		189.98	184.28	178.58
NB141207-00VDR	14x12x7", Modified Vented Enclosure, DIN3 Rail Mounting Brackets	🟧					3R		144.98	140.63	136.28
NB181608-000DR	18x16x8", Modified Enclosure, DIN3 Rail Mounting Brackets						4X		204.98	198.83	192.68
NBW181608-000DR	18x16x8", Modified Windowed Enclosure, DIN3 Rail Mounting Brackets						4X		274.98	266.73	258.48
NB181608-00VDR	18x16x8", Modified Vented Enclosure, DIN3 Rail Mounting Brackets	🟧					3R		219.98	213.38	206.78

NBP141004-10F

NB141207-10FSD

RoHS Cooled Industrial Enclosures

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NBP141004-10F	14x10x4", Vented Fan Box w/Velcro Pad, Duplex 120 VAC Outlet	🟧		🟦			3R		99.99	96.99	93.99
NBP141004-10FW	14x10x4", Rain Shield Fan Box w/Velcro Pad, Duplex 120 VAC Outlet	🟧		🟦			3R		109.99	106.69	103.39
NBP141004-40F	14x10x4", Vented Fan Box w/Velcro Pad, PoE Interface	🟧		🟦			3R		129.99	126.09	122.19
NBP141004-40FW	14x10x4", Rain Shield Fan Box w/Velcro Pad, PoE Interface	🟧		🟦			3R		139.99	135.79	131.59
NBP141004-E0F	14x10x4", Vented Fan Box w/Velcro Pad, 200-240 VAC, 2 Universal Outlets	🟧		🟦			3R		104.99	101.84	98.69
NBP141004-E0FW	14x10x4", Rain Shield Fan Box w/Velcro Pad, 200-240 VAC, 2 Universal Outlets	🟧		🟦			3R		119.99	116.39	112.79
NBE141006-10F	14x10x6", Thermostat Cooled,120 VAC Aluminum Mounting Plate	🟧		🟦			3R		147.98	143.54	139.10
NB141207-10F	14x12x7", Thermostat Cooled,120 VAC Aluminum Mounting Plate	🟧		🟦			3R		204.98	198.83	192.68
NB141207-10FS	14x12x7", Solid State Cooled,120 VAC Aluminum Mounting Plate	🟧		🟦		▨	3R		229.98	223.08	216.18
NB141207-10FSD	14x12x7", Solid State Cooled 2 Fans,120 VAC Aluminum Plate	🟧			▲	▨	3R		239.98	232.78	225.58
NB141207-10FS-UL	14x12x7", UL Solid State Cooled,120 VAC Aluminum Mounting Plate	🟧		🟦		▨	3R		279.98	271.58	263.18
NB141207-20F	14x12x7", Thermostat Cooled,240 VAC Terminal Aluminum Plate	🟧		🟦			3R		189.98	184.28	178.58
NB141207-40F	14x12x7", Thermostat Cooled Enclosure, PoE Interface, Aluminum Plate	🟧		🟦			3R		199.98	193.98	187.98
NB141207-40FAF	14x12x7", Thermostat Cooled, 802.3af Interface, Aluminum Plate	🟧		🟦			3R		209.98	203.68	197.38
NB141207-40FSAF	14x12x7", Solid State Cooled, 802.3af Interface, Aluminum Plate	🟧		🟦		▨	3R		234.98	227.93	220.88
NB141207-E0F	14x12x7", Thermostat Cooled, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧		🟦			3R		214.98	208.53	202.08
NB181608-10F	18x16x8", Thermostat Cooled 2 Fans,120 VAC Aluminum Plate	🟧			▲		3R		298.00	289.06	280.12
NB181608-10FS	18x16x8", Solid State Cooled 2 Fans,120 VAC Aluminum Plate	🟧			▲	▨	3R		319.98	310.38	300.78
NB181608-10FSX	18x16x8", Solid State Cooled 2 Fans Controls,120 VAC Aluminum Plate	🟧			▲	▨	3R		329.98	320.08	310.18
NB181608-20F	18x16x8", Thermostat Cooled 2 Fans, 240 VAC Terminal Aluminum Plate	🟧			▲		3R		294.98	286.13	277.28
NB181608-40F	18x16x8", Thermostat Cooled 2 Fans, PoE Interface, Aluminum Plate	🟧			▲		3R		289.98	281.28	272.58
NB181608-40FS	18x16x8", Solid State Cooled 2 Fans, PoE Interface, Aluminum Plate	🟧			▲	▨	3R		314.98	305.53	296.08
NB181608-40FAF	18x16x8", Thermostat Cooled 2 Fans, 802.3af Interface, Aluminum Plate	🟧			▲		3R		299.98	290.98	281.98
NB181608-40FSAF	18x16x8", Solid State Cooled 2 Fans, 802.3af Interface, Aluminum Plate	🟧			▲	▨	3R		324.98	315.23	305.48
NB181608-E0F	18x16x8", Thermostat Cooled 2 Fans, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧			▲		3R		344.98	334.63	324.28

NB141207-1H0

RoHS Heated Industrial Enclosures

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NBS141206-1H0	14x12x6", Thermostat Heated Steel Enclosure, 120 VAC Aluminum Plate		🟥				4X		299.99	290.99	281.99
NB141207-1H0	14x12x7", Thermostat Heated Enclosure, 120 VAC Aluminum Plate		🟥				4X		199.98	193.98	187.98
NB141207-1H0S	14x12x7", Solid State Heated Enclosure, 120 VAC Aluminum Plate		🟥			▨	4X		224.98	218.23	211.48
NB141207-2H0	14x12x7", Thermostat Heated, 240 VAC Terminal Aluminum Plate		🟥				4X		197.98	192.04	186.10
NB141207-4H0N	14x12x7", Sub-zero Insulated, Thermostat Heated, 48VDC PoE, Aluminum Plate		🟥				4X	❄	274.98	266.73	258.48
NB141207-EH0	14x12x7", Thermostat Heated Enclosure, Duplex 200-240 VAC Universal Outlet, Aluminum Plate		🟥				4X		209.98	203.68	197.38
NB181608-1H0	18x16x8", Thermostat Heated Enclosure, 120 VAC Aluminum Plate		🟥				4X		289.98	281.28	272.58
NB181608-1H0S	18x16x8", Solid State Heated Enclosure, 120 VAC Aluminum Plate		🟥			▨	4X		314.98	305.53	296.08
NB181608-2H0	18x16x8", Thermostat Heated, 240 VAC Terminal Aluminum Plate		🟥				4X		254.98	247.33	239.68
NB181608-EH0	18x16x8", Thermostat Heated, Duplex 200-240 VAC Universal Outlet, Aluminum Plate		🟥				3R		299.98	290.98	281.98
NB181608-EHF	18x16x8", Therm Heated/Cooled 2 Fans, Duplex 200-240 VAC Universal Outlet, Aluminum Plate	🟧	🟥		▲		3R		378.98	367.61	356.24

Enclosure Options

V = Vented 🟧 H = Heater 🟥 F = Cooling Fan(s) 🟦 D = Dual Fan ▲
S = Solid State Heat/Fan Controller ▨ N = Insulated for Sub-zero Applications ❄

L-com Global Connectivity

RoHS Cooled & Heated Industrial Enclosures

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NB141207-1HF	14x12x7", Thermostat Heated/Cooled, 120 VAC Aluminum Plate	🟧	🟥	🟦			3R		224.98	218.23	211.48
NB141207-1HFS	14x12x7", Solid State Heated/Cooled, 120 VAC Aluminum Plate	🟧	🟥	🟦		■	3R		264.98	257.03	249.08
NB141207-1HFS-UL	14x12x7", UL Solid State Heated/Cooled, 120 VAC Aluminum Plate	🟧	🟥	🟦		■	3R		314.98	305.53	296.08
NB141207-2HF	14x12x7", Thermostat Heated/Cooled 2 Fans, 240 VAC Terminal Aluminum Plate	🟧	🟥		▲		3R		214.98	208.53	202.08
NB181608-2HF	18x16x8", Thermostat Heated/Cooled 2 Fans, 240 VAC Terminal Aluminum Plate	🟧	🟥		▲		3R		336.98	326.87	316.76
NB181608-1HF	18x16x8", Thermostat Heated/Cooled 2 Fans, 120 VAC Aluminum Plate	🟧	🟥		▲		3R		339.98	329.78	319.58
NB181608-1HFS	18x16x8", Solid State Heated/Cooled 2 Fans, 120 VAC Aluminum Plate	🟧	🟥		▲	■	3R		379.98	368.58	357.18

NB141207-1HF

RoHS NID (Network Interface Device) Enclosures

L-com's NID enclosures offer mounting options inside the enclosure where a NID can be mounted. These enclosures can be used with interface products such as Ethernet connections and junctions, wireless connections, switches, terminal blocks and fiber optic connections.

Item #	Description	V	H	F	D	S	R	N	1-4	5-9	10-24
NID331-11	3x3x1", Small NID Enclosure						3		6.99	6.43	5.87

NID331-11

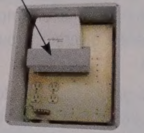
RoHS Enclosure Mounting Plates and Mounting Brackets for Amplifiers, Enclosures and Surge Protectors

L-com offers an extensive line of mounting plates for industrial enclosures along with mounting bracket options for amplifiers, industrial enclosures and surge protectors. Visit us online at L-com.com for complete bracket dimensions and specifications.

Item #	Description	1-4	5-9	10-24	25-99	100-249
HGX-AMOUNT02	Mounting bracket for HyperLink Amplifiers, PoE Products, Power Supplies	9.99	8.99	7.99	6.99	5.99
HGX-LPMOUNT01	ALQ2-NMNFB Surge Protector Mounting Bracket	4.99	4.49	3.99	3.49	2.99
HGX-MMOUNT01	Ratchet Style Marine Antenna Mount	12.99	11.95	10.91	9.87	8.83
HGX-NMOUNT03	Universal Equipment Shelf, Mounts to Pre-drilled NEMA Plate	16.99	15.29	13.59	11.89	CALL
HGX-NMOUNT04	Universal Equipment Shelf, Mounts to Pre-drilled NEMA Plate	27.99	25.19	22.39	19.59	CALL
HGX-NPLATE01	Blank Aluminum Mounting Plate, for NB141207 Series Enclosure	19.98	19.38	18.78	18.18	CALL
HGX-NPLATE08	Blank Non-Metallic Mounting Plate for NB141207 Series Enclosure	29.98	29.08	28.18	27.28	CALL
HGX-NPLATE09	Blank Non-Metallic Mounting Plate for NB181608 Series Enclosure	33.99	32.97	31.95	30.93	CALL
HGX-NPLATE14	Blank Aluminum Mounting Plate for NB241609 Series Enclosure	49.98	48.48	46.98	45.48	CALL
HGX-NPLATE15	Blank Non-Metallic Mounting Plate for NB2401609 Series Enclosure	62.98	61.09	59.20	57.31	CALL
HGX-NPLATE16	Blank Aluminum Mounting Plate for NB201609 Series Enclosure	34.98	33.93	32.88	31.83	CALL
HGX-NPLATE17	Blank Non-Metallic Mounting Plate for NB201609 Series Enclosure	44.98	43.63	42.28	40.93	CALL
HGX-NPLATE20	Blank Aluminum Mounting Plate for NBE141006/NB121005 Series Enclosure	14.98	14.53	14.08	13.63	CALL
HGX-NPLATE21	Blank Non-Metallic Mounting Plate for NBE141006/NB121005 Series Enclosure	24.98	24.23	23.48	22.73	CALL

HGX-AMOUNT02
shown with 4-way splitter
(not included)

HGX-NMOUNT03
Universal Equipment Shelf - (AirStation not included)



RoHS Universal Pole Mounting Kits (See Website for more Mounting and Accessory Options)

The HGX-PMT13 is used to mount NB141207 or NB181608 series weatherproof enclosures from 2" to 4" diameter poles. For larger diameter poles, slots are provided in the rails for 1/2" wide worm drive clamps. Use the HGX-PMT16 for 1-1/4" to 2" diameter poles.

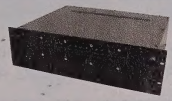
Item #	Description	1-4	5-9	10-24	25-99	100-249
HGX-PMT13	Universal Pole Mounting Kit, 2" to 4" Diameter Poles	39.99	35.99	31.99	27.99	CALL
HGX-PMT16	Universal Pole Mounting Kit, 1-1/4" to 2" Diameter Poles	37.99	34.19	30.39	26.59	CALL
HGX-PMT17	Universal Pole Mounting Kit NBP141004, 3" to 12" Diameter Poles	35.99	33.83	31.67	29.51	27.35
DIN-35-NB14	35mm DIN Rail for NB14 Enclosures	1.98	1.86	1.74	1.62	1.50
DIN-35-NB18	35mm DIN Rail for NB18 Enclosures	2.48	2.33	2.18	2.03	1.88

HGX-PMT16

PoE Enclosure Accessory

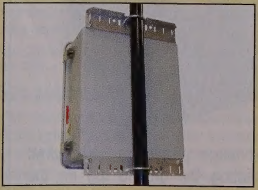
L-com's 12-Port Rack Mount DC Injector is used to supply heating system power to multiple NB141207-4H0N Series Sub-Zero Heated Enclosures. The BT-CAT5-NB12 and NB141207-4H0N enclosure uses a proprietary wiring pin out. The RJ45 connectors on the BT-CAT5-NB12 enclosure or the NB141207-4H0N should never be connected to any other manufacturers equipment.

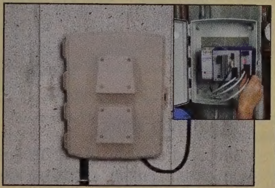
Item #	Description	1-4	5-9	10-24	25-99	100-249
BT-CAT5-NB12	12-Port Rack Mount DC Injector for NB141207-4H0N Series Enclosures	1700.00	1530.00	1360.00	1190.00	CALL

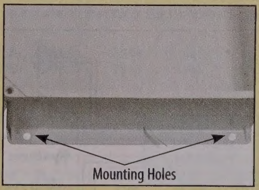

BT-CAT5-NB12

Tip Options for mounting your L-com weatherproof industrial enclosures

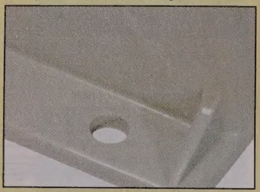
L-com carries several Pole Mounting kits that can be used to mount your enclosure. Our Universal Pole Mounting Kits accommodate various pole sizes ranging from 1-1/4" to 8". Many of our enclosures come with a built in flange that allows them to be directly mounted to a wall with the appropriate screws for the material you would be mounting to.


The Universal Pole Mounting Kit is used to mount NB141207 or NB181608 series weatherproof enclosure to 1-1/4" (31.7mm) to 2" (50.8mm) dia. poles. For larger diameter poles, slots are provided in the rails for 1/2" (12.7mm) wide worm drive clamps.


If you are not mounting your enclosure to a pole, you can use the same holes used to attach the pole mounting kit. To mount the enclosure directly to any wall surface, make sure to use hardware consistent with the wall material you will be mounting to.



The Integrated Flanges are located at the top and bottom of each enclosure. Mounting holes are located at the 4 corners of the flanges.


The Flange Mounting holes are 0.32 inches (8.2mm) in Diameter. Washers are recommended. Mounting screws/bolts not provided with the enclosure.

For complete listings and accessories available for NEMA Enclosures
Visit us at L-com.com/NEMA

L-com Global Connectivity

Lightning / Surge Protectors Tutorial

A single bolt of lightning carrying up to 100 million volts of electricity has the power to rip through roofs, explode walls of brick and destroy electronic networking/communications equipment as well as industrial equipment. Don't be fooled into a false sense of security if you never receive direct strikes. Indirect lightning strikes on telephone and power lines can be just as catastrophic!

What are Lightning and Surge Protectors?

Lightning and surge protectors are devices whose purpose is to eliminate transients on a conductor which are induced by nearby lightning activity. They are used to prevent damage to valuable electronic equipment from these high-voltage surges and spikes.

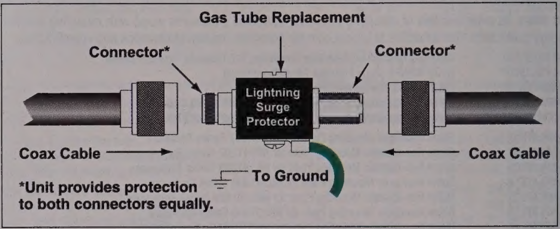
How are Lightning and Surge Protectors used?

A lightning and surge protector is used inline between devices such as antennas and amplifiers and radios or between connections on Ethernet switches and routers. They are connected via copper cabling (Coaxial, UTP etc.).

Where are Lightning and Surge Protectors used?

Lightning and surge protectors are used in many different applications including outdoor wireless networks, indoor Ethernet network installations and in any instance where the potential for a power surge could damage or destroy communications equipment. They can also be used to protect video equipment which utilizes outdoor mounted PoE cameras.

Coaxial Lightning and Surge Protectors



*Unit provides protection to both connectors equally.

L-com's HyperLink™ coaxial lightning and surge protectors are available in two types, Quarter Wave and Gas Discharge models.

Quarter Wave coaxial protectors are designed to pass the desired frequency while suppressing lightning surges, much like a signal filter. Lightning strike electrical surges which operate at low frequencies are diverted through the protector's short-circuit to the ground.

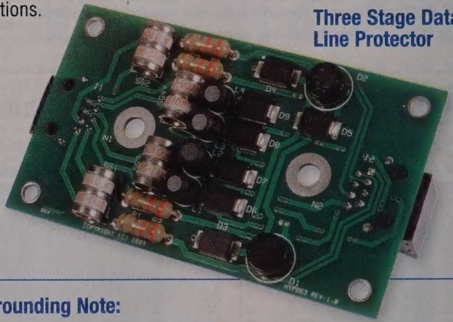
Gas Discharge coaxial protectors are a type of lightning arrestor which employs a replaceable gas discharge tube, which is a component containing a small amount of gas. The gas tube dumps extremely high amounts of surge energy directly to the ground of the protector. HyperLink™ coaxial lightning protectors are available for 0-3 GHz operation or 0-6 GHz operation.

Data Line Lightning and Surge Protectors

The use of surge protectors to protect sensitive equipment from lightning strikes and surges on Ethernet data lines has become more important than ever with the advent of faster standards like 100 and 1000 Base-T Ethernet. The faster data speeds have required equipment manufacturers to use fragile high speed components.

Designed for CAT5, CAT5E and CAT6 applications, L-com's HyperLink™ data line protectors are available in different power levels. From low power models for typical hub or client installations to high-power, 3-stage protectors designed for maximum surge protection.

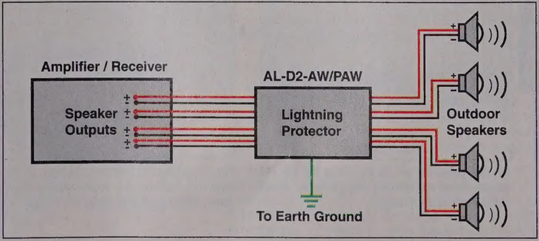
In addition to our data line protectors, we offer protectors for Telephone, DSL, T1, RS-422/485, RS-232, 4-20 mA Current Loop, AC/DC and Video applications.



Three Stage Data Line Protector

Outdoor Audio System Lightning and Surge Protectors

Lightning strikes on outdoor speakers can damage expensive home audio systems and public address systems. To reduce the risk of damage to these systems, we recommend one of our audio system protectors. These devices are placed between the audio amplifier and the outdoor speakers.



Grounding Note:

Proper grounding of lightning and surge protectors is required to ensure proper operation. Connecting the ground lug on the protectors to an earth ground is the recommended method. Please refer to the National Electric Code (or your local codes) for additional information or contact a licensed electrician for assistance.

For more useful information go to....
L-com.com/Resources

HyperLink™ Data Line Lightning and Surge Protectors

L-com's HyperLink™ CAT5/5E/6 lightning protectors are designed to protect expensive wired and wireless 10/100 and 10/100/1000 Base-T Ethernet systems. These robust lightning protectors are also great to use in Power-over-Ethernet (PoE) camera installations.

RoHS Category 5 Data Line 10/100 Base-T Protectors

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
HGLN-CAT5-2	⚡	Indoor, Shielded RJ45	37.99	34.19	30.39	26.59	22.79
AL-CAT5VW-1	⚡	Weather Resistant, RJ45	35.99	32.39	28.79	25.19	21.59
HGLN-CAT5J	⚡⚡⚡	Indoor, Shielded RJ45	34.99	31.49	27.99	24.49	20.99
HGLND-CAT5J	⚡⚡⚡	Indoor DIN Mount, Shielded RJ45	39.99	35.99	31.99	27.99	23.99
CMSP-CAT5-4	⚡⚡⚡	Indoor, 4-Port, Shielded RJ45	87.50	80.50	73.50	66.50	59.50
AL-CAT5JW	⚡⚡⚡	Weather Resistant, RJ45	29.99	28.79	27.59	25.49	22.49
AL-CAT5SJW	⚡⚡⚡	Weather Resistant, Shielded RJ45	31.99	30.71	29.43	27.19	23.99
AL-CAT5PW	⚡⚡⚡	Weather Resistant, Punch Down Terminal Block	29.99	28.79	27.59	25.49	22.49
AL-CAT5SW	⚡⚡⚡	Weather Resistant, Screw Terminal Block	29.99	28.79	27.59	25.49	22.49
AL-CAT5W	⚡⚡⚡⚡	Weatherproof, RJ45/Screw Terminal Block	44.99	43.19	41.39	38.24	33.74
AL-CAT5W-4	⚡⚡⚡⚡	Weatherproof, 4-Port, Shielded RJ45	117.20	105.48	93.76	82.04	70.32
HGLN-CAT5-HP	⚡⚡⚡⚡⚡	Indoor, Hi-Power, Shielded RJ45	59.99	53.99	47.99	41.99	35.99
HGLND-CAT5-HP	⚡⚡⚡⚡⚡	Indoor DIN Mount, Hi-Power, Shielded RJ45	64.99	58.49	51.99	45.49	38.99
AL-CAT5HPJW	⚡⚡⚡⚡⚡	Weather Resistant, Hi-Power, Shielded RJ45	49.99	47.99	45.99	42.49	37.49
AL-CAT5HPW	⚡⚡⚡⚡⚡	Weatherproof, Hi-Power, RJ45/Screw Terminal Block	62.50	60.00	57.50	53.13	46.88
ALW-CAT5HPJ	⚡⚡⚡⚡⚡	Weatherproof Metal Enclosure, Hi-Power, Shielded RJ45	69.95	64.35	58.76	53.16	47.57
AL-CAT5HPW-4	⚡⚡⚡⚡⚡	Weatherproof, 4-Port, Hi-Power, Screw Terminal Block	179.99	161.99	143.99	125.99	107.99

RoHS Category 5E Data Line 10/100 Base-T Protectors

AL-CAT5EW	⚡⚡	Weatherproof, Screw Terminal Block	39.99	38.39	36.79	33.99	29.99
HGLN-CAT5EJW	⚡⚡⚡⚡	Indoor, Shielded RJ45	44.99	41.39	37.79	34.19	30.59
HGLND-CAT5EJW	⚡⚡⚡⚡	Indoor DIN Mount, Shielded RJ45	49.99	44.99	39.99	34.99	29.99
AL-CAT5EPW	⚡⚡⚡⚡	Weather Resistant, Punch Down Terminals	39.99	38.39	36.79	33.99	29.99
AL-CAT5EJW	⚡⚡⚡⚡	Weather Resistant, Shielded RJ45	39.99	36.79	33.59	30.39	27.19
AL-CAT5EJWP	⚡⚡⚡⚡	Weatherproof, Shielded RJ45	56.95	52.39	47.84	43.28	38.73
ALW-CAT5EJ	⚡⚡⚡⚡	Weatherproof Metal Enclosure, Shielded RJ45	61.95	56.99	52.04	47.08	42.13
ALW-CAT5EP	⚡⚡⚡⚡	Weatherproof Metal Enclosure, Punch Down Terminals	61.95	56.99	52.04	47.08	42.13
AL-CAT5EHPW	⚡⚡⚡⚡⚡	Weatherproof, Hi-Power, Screw Terminal Block	61.95	56.99	52.04	47.08	42.13

RoHS Category 6 Data Line 10/100/1000 Base-T Protectors

HGLN-CAT6	⚡	Indoor, Shielded RJ45	39.99	35.99	31.99	27.99	23.99
HGLN-CAT6J	⚡⚡	Indoor, Shielded RJ45	39.99	36.79	33.59	30.39	27.19
HGLND-CAT6J	⚡⚡	Indoor DIN Mount, Shielded RJ45	44.99	40.49	35.99	31.49	26.99
CMSP-CAT6-4	⚡⚡	Indoor, 4-Port, Shielded RJ45	94.50	86.94	79.38	71.82	64.26
AL-CAT6JW	⚡⚡	Weather Resistant, RJ45	31.99	30.71	29.43	27.19	23.99
AL-CAT6PW	⚡⚡	Weather Resistant, Punch Down Terminal Block	31.99	30.71	29.43	27.19	23.99
AL-CAT6W	⚡⚡	Weatherproof, Screw Terminal Block	49.99	47.99	45.99	43.99	41.99
HGLND-CAT6-HP	⚡⚡⚡⚡	Indoor, DIN Mount, Hi-Power, Shielded RJ45	66.99	60.29	53.59	46.89	40.19
HGLN-CAT6-HP	⚡⚡⚡⚡	Indoor, Hi-Power, Shielded RJ45	61.99	57.03	52.07	47.11	42.15
AL-CAT6HPJW	⚡⚡⚡⚡	Weather Resistant, Hi-Power, Shielded RJ45	51.99	49.91	47.83	44.19	38.99
AL-CAT6HPW	⚡⚡⚡⚡	Weatherproof, Hi-Power, Shielded RJ45	62.99	59.21	55.43	51.65	47.87
ALW-CAT6HPJ	⚡⚡⚡⚡	Weatherproof Metal Enclosure, Hi-Power, Shielded RJ45	67.95	62.51	57.08	51.64	46.21

RoHS 15V and 24V PoE Compatible Data Line Lightning and Surge Protectors

The lightning protectors in this sections are designed to be compatible with PoE equipment requiring 15V and 24V. Note, these protectors are not intended for use with standard 48V PoE equipment.

HGLN-CAT5J24	⚡⚡⚡	Indoor, CAT5, 15V/24V PoE, Shielded RJ45	37.99	34.19	30.39	26.59	22.79
AL-CAT5SJW24	⚡⚡⚡	Weather Resistant, CAT5, 15V/24V PoE, Shielded RJ45	34.99	33.59	32.19	29.74	26.24
AL-CAT5W-4-24	⚡⚡⚡⚡	Weatherproof, 4-Port, CAT5, 15V/24V PoE, Shielded RJ45	122.20	109.98	97.76	85.54	73.32
HGLN-CAT5EJW24	⚡⚡⚡⚡	Indoor, CAT5E, 15V/24V PoE, Shielded RJ45	47.99	44.15	40.31	36.47	32.63
AL-CAT5EJW24	⚡⚡⚡⚡	Weather Resistant, CAT5E, 15V/24V PoE, Shielded RJ45	42.99	39.55	36.11	32.67	29.23
ALW-CAT5EJ24	⚡⚡⚡⚡	Weatherproof Metal Enclosure, CAT5E 15V/24V PoE, Shielded RJ45	64.95	59.75	54.56	49.36	44.17

RoHS Rack Mount Category 5 10/100 Base-T and Category 6 10/100/1000 Base-T Protectors

The RMSP series Surge Protectors provide surge protection for up to four Ethernet lines. These units are 802.3af Power Over Ethernet (PoE) compatible. The compact 1U Rack Panel features a clean, system wide mounting of the circuit protectors and may be installed in the rear of the 19 inch rack where they are normally required of line in and out.

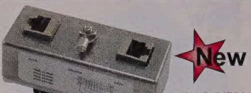
RMSP-CAT5S-4	⚡⚡⚡	Category 5, 19 inch (48.3cm) Panel with 4 Surge Protector Ports	74.99	68.99	62.99	CALL	CALL
RMSP-CAT6-4	⚡⚡	Category 6, 19 inch (48.3cm) Panel with 4 Surge Protector Ports	89.99	82.79	75.59	CALL	CALL

RoHS Wall Plate Series Lightning and Surge Protectors

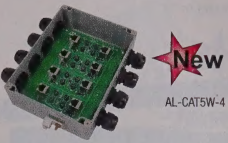
The WP series lightning protectors feature stainless steel wall plates designed to mount to standard in-wall conduit boxes. These units are ideal for providing lightning and surge protection in homes and offices with existing in-wall telephone and network wiring. The stainless steel wall plates make these protectors also ideal for use in high EMI/RFI environments.

WPCAT5	⚡⚡⚡	Wall Plate, CAT5, Shielded RJ45/RJ45	24.99	23.99	22.99	21.99	20.99
WPCAT6	⚡⚡	Wall Plate, CAT6, Shielded RJ45/RJ45	24.99	23.99	22.99	21.99	20.99
WPDTJ	⚡⚡⚡⚡	Wall Plate, Telephone/DSL, RJ11/RJ11	24.99	23.99	22.99	21.99	20.99
WPDTP	⚡⚡⚡⚡	Wall Plate, Telephone/DSL, RJ11/Punch Terminal	24.99	23.99	22.99	21.99	20.99

The lightning bolts next to the part numbers indicate Power Rating.
⚡ = Low Power
⚡⚡⚡⚡⚡ = High Power

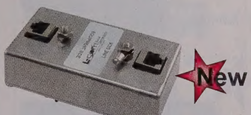


HGLND-CAT5J



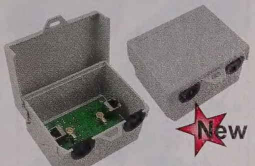
AL-CAT5W-4

AL-CAT5HPJW



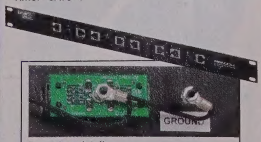
HGLND-CAT5EJW

HGLND-CAT6-HP



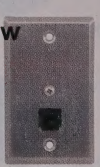
AL-CAT5EJW24

RMSP-CAT6-4



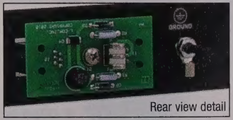
Rear view detail

WPCAT5


WPDTJ

HGLND-D1-DT

RMSP-DT-4



Rear view detail

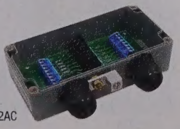
ALW-DSLS

HGLND-D1-05

AL-CL4-12

AL-CL2-12

HGLN-AISG1



AL-D8-12AC

RoHS Telephone/DSL/T1 Protectors

L-com's HyperLink™ Telephone, DSL and T1 lightning and surge protectors are perfect for indoor and outdoor installations. There are multiple styles to choose from including screw terminal, punch down and RJ11.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-D4W-DT	⚡⚡⚡	Weather Resistant, Phone/DSL, T1/E1/J1, Screw Terminal	39.99	38.39	36.79	33.99	29.99
AL-D4W-DP	⚡⚡⚡	Weather Resistant, Phone/DSL, T1/E1/J1, Punch Down Terminal	39.99	38.39	36.79	33.99	29.99
HGLN-D1-DT	⚡⚡⚡⚡	Indoor, Hi-Power Single Line Phone/DSL, Screw Terminal	39.99	38.79	37.59	36.39	CALL
HGLND-D1-DT	⚡⚡⚡⚡	Indoor DIN Mount, Hi-Power Single Line Phone/DSL, Screw Terminal	44.99	43.64	42.29	40.94	CALL
HGLN-DT	⚡⚡⚡⚡	Indoor, Hi-Power Single Line Phone/DSL, RJ11	39.99	38.79	37.59	36.39	CALL
CMSP-DT-4	⚡⚡⚡⚡	Indoor, 4-Port Hi-Power Phone/DSL, RJ11	99.99	97.99	95.99	93.99	91.99
RMSP-DT-4	⚡⚡⚡⚡	19 inch (48.3cm) Rack Panel, 4-Port Hi-Power Phone/DSL, RJ11	99.99	97.99	95.99	93.99	91.99
HGLN-DSL	⚡⚡⚡⚡⚡	Indoor, Phone/DSL, 3-Stage, RJ11	49.99	45.99	41.99	37.99	33.99
AL-DSLJW	⚡⚡⚡⚡⚡	Weather Resistant, Phone/DSL, 3-Stage, RJ11	49.99	44.99	39.99	34.99	29.99
ALW-DSLJ	⚡⚡⚡⚡⚡	Weatherproof Metal Enclosure, Phone/DSL, 3-Stage, RJ11	66.25	60.95	55.65	50.35	45.05
HGLN-D2-DT	⚡⚡⚡⚡⚡	Indoor, Phone/DSL, 3-Stage, Screw Terminal	49.99	46.99	43.99	40.99	37.99
HGLND-D2-DT	⚡⚡⚡⚡⚡	Indoor DIN Mount, Phone/DSL, 3-Stage, Screw Terminal	54.99	51.69	48.39	45.09	41.79
AL-DSLSW	⚡⚡⚡⚡⚡	Weather Resistant, Phone/DSL, 3-Stage, Screw Terminal	49.99	45.99	41.99	37.99	33.99
ALW-DSLS	⚡⚡⚡⚡⚡	Weatherproof Metal Enclosure, Phone/DSL, 3-Stage, Screw Terminal	66.25	63.60	60.95	56.31	49.69
AL-D3W-DT	⚡⚡⚡⚡⚡	Weather Resistant, Phone/DSL, 3-Stage, Screw Terminal	55.99	52.63	49.27	45.91	42.55

RoHS RS-422/RS-485/RS-232 Protectors

L-com's HyperLink™ lightning and surge protectors in this section are ideal for RS-422, RS-485, RS-232 lines as well as providing protection for sensors and control lines. All protectors in this section feature screw terminals.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-D4W-05	⚡⚡⚡	Weather Resistant, 4-Line RS-422/485	39.99	38.39	36.79	33.99	29.99
AL-D8W-12	⚡⚡⚡	Weather Resistant, 8-Line RS-232	39.99	38.39	36.79	33.99	29.99
HGLN-D1-05	⚡⚡⚡⚡	Indoor, 1-Line RS-485, 3-Stage	34.99	33.59	32.19	30.79	29.39
HGLND-D1-05	⚡⚡⚡⚡	Indoor DIN Mount, RS-485, 3-Stage	39.99	38.39	36.79	35.19	33.59
HGLN-D2-05	⚡⚡⚡⚡⚡	Indoor, RS-422/485, RTDs, T1/E1/J1, 3-Stage	49.99	47.99	45.99	42.49	37.49
HGLND-D2-05	⚡⚡⚡⚡⚡	Indoor DIN Mount, RS-422/485, RTDs, T1/E1/J1, 3-Stage	54.99	51.69	48.39	45.09	41.79
AL-D2W-05	⚡⚡⚡⚡⚡	Weather Resistant, RS-422/485, RTDs, T1/E1/J1, 3-Stage	49.99	47.99	45.99	42.49	37.49
ALW-D2-05	⚡⚡⚡⚡⚡	Weatherproof Metal Enclosure, RS-422/485, 3-Stage	63.95	58.83	53.72	48.60	43.49
AL-D3W-05	⚡⚡⚡⚡⚡	Weather Resistant, RS-485	55.99	52.63	49.27	45.91	42.55
HGLN-D2-12	⚡⚡⚡⚡⚡	Indoor, 2-Line RS-232, 3-Stage	49.99	47.99	45.99	42.49	37.49
AL-D2W-12	⚡⚡⚡⚡⚡	Weather Resistant, 2-Line RS-232, 3-Stage	49.99	47.99	45.99	42.49	37.49
ALW-D2-12	⚡⚡⚡⚡⚡	Weatherproof Metal Enclosure, 2-Line RS-232, 3-Stage	63.95	58.83	53.72	48.60	43.49
AL-D4-05W	⚡⚡⚡⚡⚡	Weatherproof, 4-Line RS-422/485	59.99	56.39	52.79	49.19	45.59

RoHS 4-20 mA Current Loop Protectors

L-com's HyperLink™ brand 4-20 mA protectors are ideal for sensors and controllers as well as industrial control lines, HART street light controllers, toll booths, drawbridges, railroad crossing gates and signals.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-CL4-12	⚡⚡⚡	12V Weather Resistant, 4-Channel, Screw Terminal	39.99	38.39	36.79	33.99	29.99
AL-CL4-15	⚡⚡⚡	15V Weather Resistant, 4-Channel, Screw Terminal	39.99	38.39	36.79	33.99	29.99
AL-CL4-24	⚡⚡⚡	24V Weather Resistant, 4-Channel, Screw Terminal	39.99	38.39	36.79	33.99	29.99
HGLN-CL1-12	⚡⚡⚡⚡	12V Indoor, 1-Channel, Screw Terminal	43.60	40.98	38.37	35.75	33.14
HGLN-CL1-15	⚡⚡⚡⚡	15V Indoor, 1-Channel, Screw Terminal	43.60	40.98	38.37	35.75	33.14
HGLN-CL1-24	⚡⚡⚡⚡	24V Indoor, 1-Channel, Screw Terminal	43.60	40.98	38.37	35.75	33.14
HGLND-CL1-12	⚡⚡⚡⚡	12V Indoor DIN Mount, 1-Channel, Screw Terminal	48.60	45.68	42.77	39.85	36.94
HGLND-CL1-15	⚡⚡⚡⚡	15V Indoor DIN Mount, 1-Channel, Screw Terminal	48.60	45.68	42.77	39.85	36.94
HGLND-CL1-24	⚡⚡⚡⚡	24V Indoor DIN Mount, 1-Channel, Screw Terminal	48.60	45.68	42.77	39.85	36.94
HGLN-CL2-12	⚡⚡⚡⚡⚡	12V Indoor, 2-Channel, Screw Terminal	44.95	42.25	39.56	36.86	34.16
HGLN-CL2-15	⚡⚡⚡⚡⚡	15V Indoor, 2-Channel, Screw Terminal	44.95	42.25	39.56	36.86	34.16
HGLN-CL2-24	⚡⚡⚡⚡⚡	24V Indoor, 2-Channel, Screw Terminal	44.95	42.25	39.56	36.86	34.16
HGLND-CL2-12	⚡⚡⚡⚡⚡	12V Indoor DIN Mount, 2-Channel, Screw Terminal	49.95	46.95	43.96	40.96	37.96
HGLND-CL2-15	⚡⚡⚡⚡⚡	15V Indoor DIN Mount, 2-Channel, Screw Terminal	49.95	46.95	43.96	40.96	37.96
HGLND-CL2-24	⚡⚡⚡⚡⚡	24V Indoor DIN Mount, 2-Channel, Screw Terminal	49.95	46.95	43.96	40.96	37.96
AL-CL2-12	⚡⚡⚡⚡⚡	12V Weather Resistant, 2-Channel, Screw Terminal	39.50	37.92	36.34	33.57	29.63
AL-CL2-15	⚡⚡⚡⚡⚡	15V Weather Resistant, 2-Channel, Screw Terminal	39.50	37.92	36.34	33.57	29.63
AL-CL2-24	⚡⚡⚡⚡⚡	24V Weather Resistant, 2-Channel, Screw Terminal	39.50	37.92	36.34	33.57	29.63
AL-CL3W-12	⚡⚡⚡⚡⚡	12V Weatherproof, 3-Channel, Screw Terminal	57.25	54.96	52.67	50.38	48.09
AL-CL3W-15	⚡⚡⚡⚡⚡	15V Weatherproof, 3-Channel, Screw Terminal	57.25	54.96	52.67	50.38	48.09
AL-CL3W-24	⚡⚡⚡⚡⚡	24V Weatherproof, 3-Channel, Screw Terminal	57.25	54.96	52.67	50.38	48.09
AL-CL4W-12	⚡⚡⚡⚡⚡	12V Weatherproof, 4-Channel, Screw Terminal	59.95	57.55	55.15	52.76	50.36
AL-CL4W-15	⚡⚡⚡⚡⚡	15V Weatherproof, 4-Channel, Screw Terminal	59.95	57.55	55.15	52.76	50.36
AL-CL4W-24	⚡⚡⚡⚡⚡	24V Weatherproof, 4-Channel, Screw Terminal	59.95	57.55	55.15	52.76	50.36

RoHS Remote Electrical Tilt (RET)/AISG Protector

L-com's HyperLink™ RET/AISG protector is compatible with AISG 5, 6 and 8-conductor control lines and provides individual protection of the Power and RS-485 lines within the control cable.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
HGLN-AISG1	⚡⚡⚡⚡	Weatherproof, RET/AISG Compatible, 8-Pin	89.99	84.59	79.19	73.79	68.39

RoHS AC and DC Control Line Protectors

L-com offers a full line of AC and DC Control Line lightning and surge protectors. Available in 12V, 24V and 48V in either AC or DC models.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-D8-12AC	⚡⚡⚡⚡	Weatherproof, 12VAC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL
AL-D8-24AC	⚡⚡⚡⚡	Weatherproof, 24VAC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL
AL-D8-48AC	⚡⚡⚡⚡	Weatherproof, 48VAC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL
HGLN-DC-12	⚡⚡⚡⚡	Indoor, 12VDC, 1-Line, Screw Terminal	37.99	36.85	35.71	34.57	CALL
AL-D8-12DC	⚡⚡⚡⚡	Weatherproof, 12VDC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL
AL-D8-24DC	⚡⚡⚡⚡	Weatherproof, 24VDC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL
AL-D8-48DC	⚡⚡⚡⚡	Weatherproof, 48VDC, 8-Wire, Screw Terminal	59.99	58.19	56.39	54.59	CALL

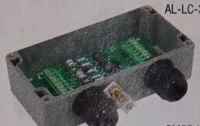
The lightning bolts next to the part numbers indicate Power Rating.
⚡ = Low Power
⚡⚡⚡⚡⚡ = High Power

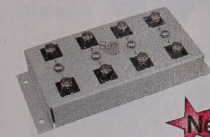
L-com® Global Connectivity

RoHS Load Cell/RTD/Strain Gauge Sensor Protectors

The AL-LC series lightning and surge protectors that provide superior protection for devices such as load cells, weighbridges, resistance temperature detectors (RTD) and strain gauge sensors.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-LC-30	ϟϟϟϟϟ	Weatherproof 3-Stage Load Cell/RTD Lightning Surge Protector	59.99	57.59	55.19	52.79	50.39
AL-LC	ϟϟϟϟϟ	Weatherproof Single Stage Load Cell/RTD Lightning Surge Protector	39.99	38.79	37.59	36.39	35.19


AL-LC-30


CMSP-VIDEO-4

RoHS Audio System Protectors

L-com's HyperLink™ outdoor speaker and public address system lightning protectors offer protection of valuable PA equipment at an affordable price.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-D2-AW	ϟϟϟϟϟ	Weatherproof, 4/8 Ohm Audio Systems, Screw Terminal	49.99	48.49	46.99	45.49	CALL
AL-D2-PAW	ϟϟϟϟϟ	Weatherproof, 70.7/100V Public Address Systems, Screw Terminals	49.99	48.49	46.99	45.49	CALL

RoHS Coaxial Video Protectors

L-com's HyperLink™ Coaxial Video protectors are ideal for protecting surveillance and CCTV cameras, DVRs, surveillance PCs and video monitors.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
HGLN-VIDEO-1	ϟϟϟ	Indoor, 1-Port Video, BNC Connectors	37.99	34.19	30.39	26.59	22.79
HGLN-VIDEO-1I	ϟϟϟ	Indoor, 1-Port Video, Isolated BNC Connectors	37.99	34.19	30.39	26.59	22.79
CMSP-VIDEO-4	ϟϟϟ	Indoor, 4-Port Video, BNC Connectors	59.99	55.19	50.39	45.59	CALL
CMSP-VIDEO-4I	ϟϟϟ	Indoor, 4-Port Video, Isolated BNC Connectors	59.99	55.19	50.39	45.59	CALL
RMSP-VIDEO-4	ϟϟϟ	19in (48.3cm) Rack Panel, 4-Port Video, BNC Connectors	69.99	64.39	58.79	53.19	CALL
RMSP-VIDEO-4I	ϟϟϟ	19in (48.3cm) Rack Panel, 4-Port Video, Isolated BNC Connectors	69.99	64.39	58.79	53.19	CALL

The lightning bolts next to the part numbers indicate Power Rating. ϟ = Low Power to ϟϟϟϟϟ = High Power

New

HGLN-VIDEO-1

Tripp-Lite In-Line Surge Suppressors

Tripp-Lite's In-Line data and telephone surge suppressors help protect valuable equipment from electrical surge. These low cost suppressors easily connect in-line with existing data and telephone connections.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
TL-DNET1		Network Surge Suppressor, RJ45 Jacks	20.95	20.11	19.27	18.44	CALL
TL-DTEL2		2-Line Telephone Suppressor, RJ11/45 Jacks	22.95	22.03	21.11	20.20	CALL

AL-NFNFBHP-9

AL-TMTFB-9

RoHS USB Panel Mountable Surge Protector

The L-com AL-ECF504-AB USB surge protector is a commercial quality device designed to protect a computer's sensitive USB ports from surges and spikes from attached devices. This surge protector is ideal for protecting a PC from WiFi client adapters and surveillance cameras used with long USB extender cables.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-ECF504-AB		USB Panel Mountable Surge Protector, Type A / Type B	15.95	14.99	14.04	13.08	12.12

HyperLink™ Coaxial Lightning and Surge Protectors

L-com's HyperLink™ coaxial lightning and surge protectors feature replaceable gas tubes (except for 1/4 wave model), multi-strike capability and bi-directional protection.

RoHS 0-3 GHz Coaxial Protectors

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL-NFNFB-9		Type N Female to Type N Female Bulkhead, 90V	18.99	17.09	15.19	13.29	11.39
AL-NFNFBHP-9		Type N Female to Type N Female Bulkhead, Indoor, High Power, 90V	24.99	23.99	22.99	21.24	18.74
AL-NMNFB-9		Type N Male to Type N Female Bulkhead, 90V	18.99	17.09	15.19	13.29	11.39
AL-BMBFB-9		BNC Male to BNC Female Bulkhead, 90V	14.99	14.39	13.79	12.74	11.24
AL-TMTFB-9		TNC Male to TNC Female Bulkhead, 90V	23.99	23.03	22.07	20.39	17.99
AL-UFUFB-6		UHF Female to UHF Female Bulkhead, 600V	14.99	14.39	13.79	12.74	11.24
AL-RBPRBJB-9		RP-BNC Plug to RP-BNC Jack Bulkhead, 90V	14.99	14.39	13.79	12.74	11.24
AL-RTPRTJB-9		RP-TNC Plug to RP-TNC Jack Bulkhead, 90V	23.99	23.03	22.07	20.39	17.99
AL-FFFF-9		Type F Female to Type F Female, 90V	23.99	21.59	19.19	16.79	14.39
AL-F		Type F Male to Type F Female, 50V	7.49	6.89	6.29	5.69	5.09

Best Seller

AL6-NMNFBW-9

New

AL6-RSPRSJBW-9

RoHS 0-6 GHz Coaxial Protectors

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
AL6-NFNFBW-9		Type N Female to Type N Female Bulkhead, 90V	34.00	30.60	27.20	23.80	20.40
AL6-NMNFBW-9		Type N Male to Type N Female Bulkhead, 90V	34.00	30.60	27.20	23.80	20.40
AL6-RSPRSJBW-9		RP-SMA Plug to RP-SMA Jack Bulkhead, 90V	29.99	26.99	23.99	20.99	17.99

RoHS 2.4 GHz Quarter Wave Coaxial Protectors

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
ALQ2-NMNFB		Type N Male to Type N Female Bulkhead, 1/4 Wave	34.99	33.59	32.19	29.74	26.24

RoHS Replacement Gas Tubes

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
LPX090G		0-6 GHz, 90V, Replacement Gas Tube	9.99	8.99	7.99	6.99	5.99
LPX090-6		0-6 GHz, 90V, Replacement Gas Tube For AL-NMNFBW-9	5.99	5.39	4.79	4.19	3.59
LPX090		0-3 GHz, 90V, Replacement Gas Tube	4.99	4.49	3.99	3.49	2.99
LPX230		0-3 GHz, 230V, Replacement Gas Tube	4.99	4.49	3.99	3.49	2.99
LPX350		0-3 GHz, 350V, Replacement Gas Tube	4.99	4.49	3.99	3.49	2.99
LPX600		0-3 GHz, 600V, Replacement Gas Tube	4.99	4.49	3.99	3.49	2.99

HGX-LPMOUNT01

Surge protector installed on HGX-LPMOUNT01

RoHS Accessories

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
HGX-LPMOUNT01		ALQ2 Mounting Bracket	4.99	4.49	3.99	3.49	2.99

RoHS Grounding Kits and Clamps

L-com's grounding kits are designed to withstand the damaging effects of lightning currents in excess of 200kA and comply with MIL-STD-188-124A. These grounding kits support LMR400, LMR600 and LMR900 series coaxial cable. Our grounding clamp fits around existing conduit pipe or water pipe for a secure ground.

Item #	Pwr. Rating	Description	1-9	10-24	25-99	100-249	250-499
HT-GK400		Grounding Kit for LMR400 Series Cable	17.99	17.27	16.55	15.29	13.49
HT-GK600		Grounding Kit for LMR600 Series Cable	17.99	17.27	16.55	15.29	13.49
HT-GK900		Grounding Kit for LMR900 Series Cable	17.99	17.27	16.55	15.29	13.49
HT-GCLAMP01		Grounding Pipe Clamp	0.99	0.94	0.89	0.84	CALL

HT-GK400

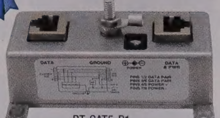
HT-GCLAMP01

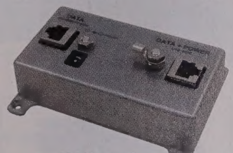
More information on Protectors
May be found at L-com.com/Protectors

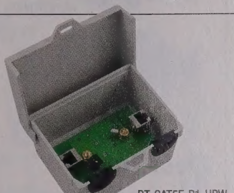
L-com® Global Connectivity

PS4820GB-POE

Best Seller


BT-CAT5-P1


BT-CAT5E-P1-HP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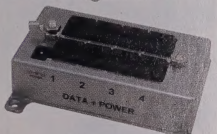

BT-CAT5-P4J

TRD855SCR-series

PS1240-21R

PS-LIGHTER-06

Power-over-Ethernet (PoE) 48 VDC Midspan/Injectors

L-com offers a wide range of PoE Midspan/Injector styles including reverse polarity and 48 VDC models. These PoE midspan/injectors can be used to connect PoE compliant devices such as access points, IP phones or wireless routers and supply data as well as power over a single CAT5 cable. Power-over-Ethernet eliminates the need for an AC outlet at each end device location. Only a single Ethernet cable is run to each device such as an access point instead of separate power and data cables.

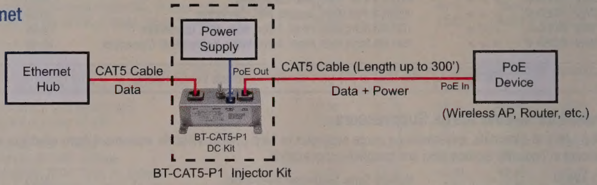
☑RoHS All-In-One Midspan/Injector and Power Supply

Item #	Description	1-9	10-24	25-99	100-249	250-499
PS4820-POE-1	48 VDC, 20W, Dual RJ45	23.25	21.86	20.46	19.07	17.67
PS4820GB-POE	48 VDC, 19W, Gigabit, Dual RJ45, Requires PSCORD3	24.99	23.99	22.99	21.99	CALL
PS4860-POE	48 VDC, 60W, Dual RJ45, Requires PSCORD3	74.99	71.99	68.99	63.74	56.24

☑RoHS CAT5 Midspan/Injectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
BT-CAT5-P1	5-48 VDC, 1 Port	22.95	21.11	19.28	17.44	15.61
BT-CAT5-P1-4848	48 VDC, 1 Port, Includes 48VDC/48W Supply	49.99	45.99	41.99	37.99	33.99
BT-CAT5-P1R	5-48 VDC, 1 Port, Reverse Polarity	29.99	27.59	25.19	22.79	20.39
BT-CAT5-P1R4848	48 VDC, 1 Port, Reverse Polarity, Includes 48VDC/48W Supply	49.99	45.99	41.99	37.99	33.99

BT-CAT5-P1 Power over Ethernet Injector Application



☑RoHS CAT5E Midspan/Injectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
BT-CAT5E-P1-HP	5-48 VDC, 1 Port, High Power CAT5E	44.99	41.39	37.79	34.19	30.59
BT-CAT5E-P1-HP-4848	48 VDC, 1 Port, High Power CAT5E w/48VDC/48W Supply	59.99	55.19	50.39	45.59	40.79
BT-CAT5E-P1-HP-4870	48 VDC, 1 Port, High Power CAT5E w/48VDC/70W Supply	79.99	73.59	67.19	60.79	54.39
BT-CAT5E-P1-HPW	5-48 VDC, 1 Port, High Power CAT5E Weather Resistant	44.99	41.39	37.79	34.19	30.59
BT-CAT5E-P1-HPW-4848	48 VDC, 1 Port, High Power CAT5E Weather Resistant, w/48VDC/48W Supply	59.99	55.19	50.39	45.59	40.79
BT-CAT5E-P1-HPW-4870	48 VDC, 1 Port, High Power CAT5E Weather Resistant, w/48VDC/70W Supply	79.99	73.59	67.19	60.79	54.39

☑RoHS CAT5 Four Port Midspan/Injectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
BT-CAT5-P4	5-48 VDC, 4 Port	49.99	45.99	41.99	37.99	33.99
BT-CAT5-P4-4848	48 VDC, 4 Port, Includes 48VDC/48W Supply	59.99	55.19	50.39	45.59	40.79
BT-CAT5-P4-4870	48 VDC, 4 Port, Includes 48VDC/70W Supply	84.99	78.19	71.39	64.59	57.79
BT-CAT5-P4J	5-48 VDC, 4 Port, CAT5 Surge Protection	54.99	50.59	46.19	41.79	37.39
BT-CAT5-P4J-4848	48 VDC, 4 Port, CAT5 Surge Protection, Includes 48VDC/48W Supply	64.99	59.79	54.59	49.39	44.19
BT-CAT5-P4J-4870	48 VDC, 4 Port, CAT5 Surge Protection, Includes 48VDC/70W Supply	89.99	82.79	75.59	68.39	61.19

☑RoHS Accessories

Item #	Description	1-9	10-24	25-99	100-249	250-499
TRD855SCR-1	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	7.45	7.30	7.00	6.56	5.59
TRD855SCR-2	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	7.95	7.79	7.47	7.00	5.96
TRD855SCR-3	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	8.45	8.28	7.94	7.44	6.34
TRD855SCR-5	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	9.45	9.26	8.88	8.32	7.09
TRD855SCR-7	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	10.45	10.24	9.82	9.20	7.84
TRD855SCR-10	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	11.95	11.71	11.23	10.52	8.96
TRD855SCR-15	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	14.45	14.16	13.58	12.72	10.84
TRD855SCR-20	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 20.0ft (6.1m)	16.95	16.61	15.93	14.92	12.71
TRD855SCR-25	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	19.45	19.06	18.28	17.12	14.59
TRD855SCR-30	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 30.0ft (9.1m)	21.95	21.51	20.63	19.32	16.46
TRD855SCR-40	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 40.0ft (12.2m)	26.95	26.41	25.33	23.72	20.21
TRD855SCR-50	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	31.95	31.31	30.03	28.12	23.96
TRD855SCR-75	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	44.45	43.56	41.78	39.12	33.34
TRD855SCR-100	Shielded CAT5E EIA568 Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	56.95	55.81	53.53	50.12	42.71
CA-POE-02	CAT5 PoE Conversion Cable for Cisco APs, 2.0ft (0.6m)	14.99	13.49	11.99	10.49	8.99

☑RoHS Switching Power Supplies

Item #	Description	1-9	10-24	25-99	100-249	250-499
PS909-21R	9 VDC @ 1A (9W), 2.1mm DC Plug	9.99	9.59	9.19	8.49	7.49
PS1212-21R	12 VDC @ 1A (12W), 2.1mm Right Angle DC Plug	12.99	12.47	11.95	11.04	9.74
PS1224-21R	12 VDC @ 2A (24W), 2.1mm Right Angle DC Plug	14.99	14.39	13.79	12.74	11.24
PS1240-21R	12 VDC @ 3.33A (40W), 2.1mm Right Angle DC Plug	21.99	21.11	20.23	18.69	16.49
PS1566	15 VDC @ 4.4A (66W), 2.1mm DC Plug	89.99	86.39	82.79	76.49	67.49
PS4870-25R	48 VDC @ 1.5A (70W), 2.5mm Right Angle DC Plug	59.00	56.64	54.28	50.15	44.25
PS4848-25R	48 VDC @ 1A (48W) 2.5mm Right Angle DC Plug	24.95	24.45	23.95	23.45	22.95

12 VDC to 48 VDC Converter/Regulator

Item #	Description	1-9	10-24	25-99	100-249	250-499
PS-LIGHTER-06	Cigarette Plug to 2.1mm Right Angle DC Plug, 3A Fuse, 6ft	9.99	9.59	9.19	8.49	7.49

☑RoHS Accessories

Item #	Description	1-9	10-24	25-99	100-249	250-499
PSX-EU1	US Flat or Euro Round to Euro 4.8mm Round A/C Adapter	3.99	3.59	3.19	2.79	2.39
PSX-EU2	EU 4/4.8mm Round to US NEMA 6-15R Flat A/C Adapter	3.99	3.59	3.19	2.79	2.39
PSCORD2	2 Conductor Plug, USA/AC Power Cord, 1.0ft (0.3m)	3.99	3.59	3.19	2.79	2.39
PSCORD3	3 Conductor Plug, USA/AC Power Cord, 1.0ft (0.3m)	2.99	2.75	2.51	2.27	2.03

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Planet 151 Series PoE Injector and Splitters

The Planet POE-PT151 is an IEEE 802.3af Power over Ethernet Injector that provides DC 48V over Ethernet CAT5 cables. This provides power to 802.3af PoE capable devices. For non-PoE capable devices, the POE-PT151S splits the power and data from the CAT5 cable allowing these devices to operate within a PoE based network. The POE-PT151S ships with two power cables with 2.0mm and 2.5mm female power connectors.

Item #	Description	List Price
POE-PT151	48 VDC, PoE Injector, Includes Power Supply	39.00
POE-PT151S	5V/12V, PoE Splitter, Includes Power Cables	29.00

Planet 12 and 24 Port PoE Injector Hubs

The Planet POE-PT1200 and POE-PT2400 are 12-port and 24-port IEEE 802.3af Power over Ethernet injector hubs that comply with IEEE 802.3, IEEE 802.3u and IEEE 802.3af standards. Equipped with 12 or 24 10/100BASE-TX Fast Ethernet ports, the products support full 48VDC power for any remote IEEE802.3af powered devices. These hubs feature Web and Console management interfaces to allow administrators easy management access. NOTE: CANNOT BE USED WITH CISCO PoE PRODUCTS.

Item #	Description	List Price
POE-PT1200	48 VDC, 12 Port PoE Injector Hub	259.00
POE-PT2400	48 VDC, 24 Port PoE Injector Hub	399.00

Unicom PoE Injector and Splitters

The Unicom POE-32001T is an IEEE 802.3af Power over Ethernet Injector that provides DC 48V over Ethernet CAT5E cables. This provides power to 802.3af PoE capable devices. For non-PoE capable devices, the POE-22001T splits the power and data from the CAT5E cable allowing these devices to operate within a PoE based network. The POE-22001T features an adjustable output range, 5V, 7.5V, 9V and 12V. It also includes two detachable power cables.

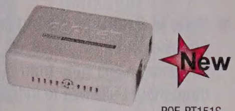
Item #	Description	List Price
POE-32001T	48 VDC, PoE Injector/Power Supply	55.24
POE-22001T	PoE Splitter, Includes Power Cables	25.01

Unicom 8 and 24 Port Managed PoE Switches

The Unicom SmartPoE multi-port switches can be used to build high-performance switched workgroup networks. These switches feature 8 or 24 auto-sensing 10/100Base-TX RJ-45 ports and all ports support the PoE injector function. In addition, these switches have two auto-detected Gigabit Combo ports for higher connection speed.

Item #	Description	List Price
POE-63208T	48 VDC, 8 Port PoE Managed PoE Switch	506.56
POE-63226T	48 VDC, 24 Port PoE Managed PoE Switch	745.73

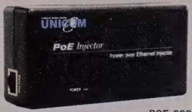
POE-PT151



POE-PT151S

POE-PT1200

POE-PT2400



POE-32001T

POE-22001T

POE-63208T

POE-63226T

Tip What is Power-over-Ethernet (PoE)?

Power-over-Ethernet (PoE) or "**Active Ethernet**" eliminates the need to run 110/220 VAC power to Wireless Access Points and other devices on a wired LAN. Using Power-over-Ethernet system installers need to run only a single CAT5 Ethernet cable that carries both power and data to each device. This allows greater flexibility in the locating of AP's and network devices and significantly decreasing installation costs in many cases.

Power-over-Ethernet begins with a CAT5 "**Injector**" that inserts a DC Voltage onto the CAT5 cable. The Injector is typically installed in the "wiring closet" near the Ethernet switch or hub. Some Wireless Access Points and other network accept the injected DC power directly from the CAT5 cable through their RJ45 jack. These devices are considered to be "PoE-Compatible" or "Active Ethernet Compatible".

Devices that are not "PoE Compatible" can be converted to Power-over-Ethernet by way of a "**PoE Splitter**". These are sometimes called DC "**Picker**" or "**Tap**". This device picks-off the DC Voltage that has been injected into the CAT5 cable by the Injector and makes it available to the equipment through the regular DC power jack.

Therefore in order to use Power-over-Ethernet you need:
(Injector) + (PoE compatible device)
- or -
(Injector) + (non-PoE compatible device) + (PoE Splitter)

Types of PoE Splitters

Two basic types of Pickers and Taps are available: **Passive** and **Regulated**.

A **Passive Tap** simply takes the voltage from the CAT5 cable and directs it to the equipment for direct connection. Therefore if 48 VDC is injected by the Injector then 48 VDC will be produced at the output of the Passive Tap.

A **Regulated Tap** takes the voltage on the CAT5 cable and converts it to another voltage. Several standard regulated voltages are available: 12VDC, 6 VDC, 5 VDC. This allows a wide variety of non-PoE equipment to be powered through the CAT5 cable.

Voltage and Pinout Standards

Although the IEEE has a PoE standard called IEEE 802.3af, different equipment vendors use different PoE voltages and CAT5 pin configurations to provide the DC power. Therefore it is important to select the appropriate PoE devices for each piece of equipment you plan to power through the CAT5 cable.

The IEEE has standardized on the use of 48 VDC as the Injected PoE voltage. The use of this higher voltage reduces the current flowing through the CAT5 cable and therefore increases the load and increases the CAT5 cable length limitations. Where the maximum cable length has not been a major consideration some vendors have chosen 24 VDC and even 12 VDC as their "injected" voltage.

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Premise Wiring Tutorial

What is Premise Wiring?

Premise Wiring is the cabling, connectors and accessories that are used to connect LAN (Local Area Network) and phone equipment inside a commercial building.

How is Premise Wiring used?

Premise Wiring is made up of vertical and horizontal cable runs from a central location throughout buildings to individual desktops.

Premise Wiring Terms

Backbone Wiring: The cabling used between telecommunication closets, entrance facilities, equipment rooms or buildings.

Category 5E/6: The standard unshielded twisted pair cabling used for LAN drops.

Conduit: Circular raceway that cable is run inside of. Conduit requirements are specified under appropriate electrical codes.

Cross Connect: The connection method used between permanent cabling (inside the walls) and equipment. A patch cord is often used as the connection means.

Demarcation Point: The point at which operational control changes. For example, where the phone company's responsibility ends and the building owner's begins.

Drop: Slang term used for each cabling span pulled from a telecommunications closet.

Equipment Room: The space dedicated to telecommunications equipment.

Horizontal Wiring: The span of cabling and connectors between the wiring closet and each drop. It is called horizontal because this type of wiring does not go up or down floors of a building.

Insulation Displacement Contact (IDC): A means of terminating wires without the need of stripping down to the bare wire.

Jumper: Single twisted pairs used for cross connecting between 66, 110, or Krone blocks.

Modular Jack: The female connector used at the end of each horizontal cabling drop. Usually modular jacks utilize a 6 or 8 contact modular plug on the patching side and a 110, Krone, or other Insulation Displacement connection method (on the permanent horizontal wiring side).

Modular Plug: The male connector usually found at the end of a patch cord.

Patch Cord: A cable assembly with modular plugs on each end. Used for patching equipment to the patch panel in the equipment room and also used to connect to phones and computers at the drop.

Patch Panel: The common cross connect method used inside an equipment room. Typical Patch Panels utilize 110 or Krone connectors on the rear to connect to the horizontal cabling and modular jacks on the front to connect to equipment via patch cords.

Star Topology: The topology where wiring stems from one central point.

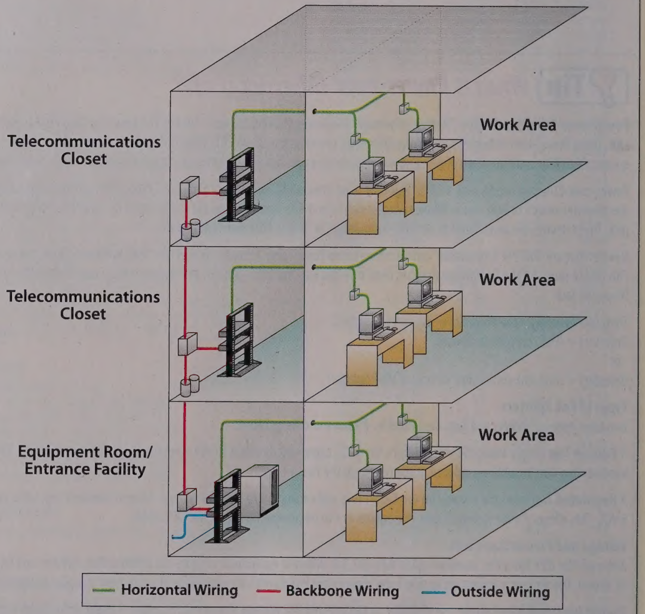
Telecommunications Closet: Enclosed space for containing telecommunications equipment, cable terminations and cross connects.

Work Area: Building space where occupants utilize telecommunications equipment.

Typical LAN Premise Wiring

Wiring Notes:

1. Category 5E/6 unshielded twisted pair is the norm. Use 4 pair solid conductor inside the walls, 4 pair stranded for patch cords. Plenum rated cabling may be necessary depending upon fire codes in your area.
2. Maximum distance for a horizontal run is 90m plus an additional 10m for patching.
3. Fiber is the common choice for backbone wiring. It is also recommended for horizontal runs over 100m.


Telecommunications Closet
Work Area
Telecommunications Closet
Work Area
Equipment Room/ Entrance Facility
Work Area
Horizontal Wiring
Backbone Wiring
Outside Wiring

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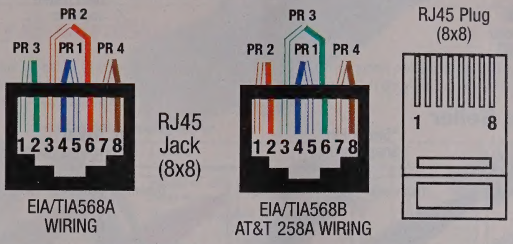
Common Wiring Standards for Data Communications

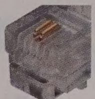
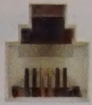
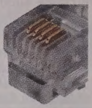
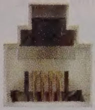
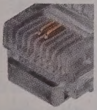
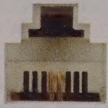
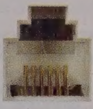
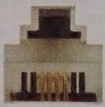
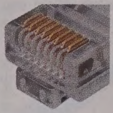
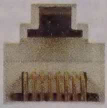
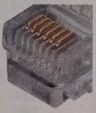
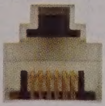
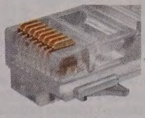
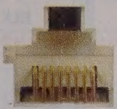
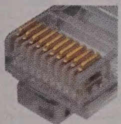
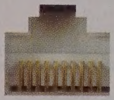
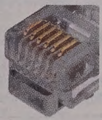
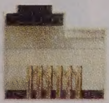
There are two common wiring standards for LAN wiring. When buying components such as jacks or patch panels, be sure to specify if you need EIA568A or EIA568B.

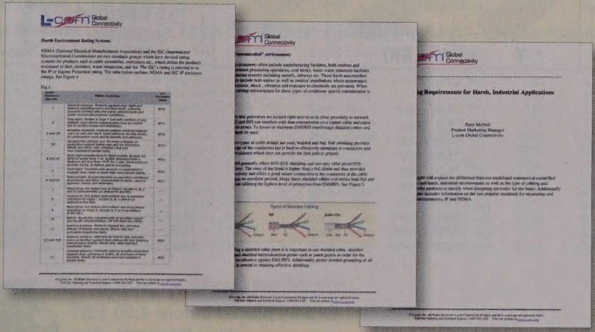


EIA/TIA568A WIRING

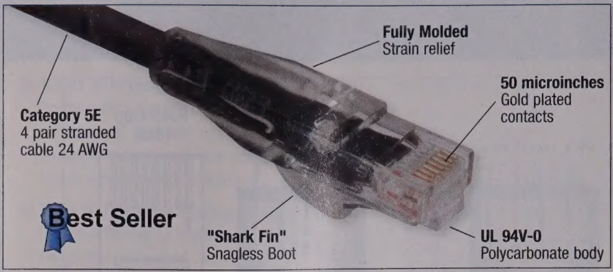
EIA/TIA568B AT&T 258A WIRING

Telecom / Modular Connectors

Description	Male/Plug	Female/Jack	Description	Male/Plug	Female/Jack
Modular (6x2)			Modular RJ11 (6x4)		
Modular (8x2)			Modular RJ12 (6x6)		
Modular (8x4)			Modular RJ45 (8x8)		
Modular (8x6)			Modular RJ45 (8x8 Keyed)		
Modular 10 POS (10x10)			Modular MMJ (6x6)		

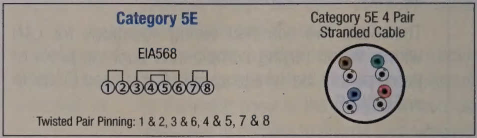


To see L-com's new white paper titled Cabling Requirements for Harsh, Industrial Applications, visit the following link L-com.com/WP02



Premium Category 5E RJ45 Molded Ethernet Patch Cords

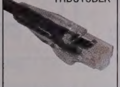
Designed for today's high-density patch panels, these unique Category 5E molded patch cords feature an easy to depress "shark fin" snagless molded boot that makes connecting cables easier. The clear boot also allows the color of each cable to be easily seen on each port for easy cable identification. Each cable is tested for Category 5E performance to ensure maximum network throughput.



TRD815BL

Blue

TRD815BLK



Black

TRD815GR

Green

TRD815R

Red

TRD815Y

Yellow

TRD815GRY

Gray

TRD815WHT

White

TRD815OR

Orange

TRD815V

Violet

BL	BLK	GR	R	Y	GRY	WHT	OR	V

Ordering is easy, add the desired color code to the part number. Ex: TRD815BL-3

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRD815 __-3	Category 5E Patch Cord, RJ45 / RJ45	3.0ft (0.9m)	3.99	3.59	3.19	2.79	2.39
TRD815 __-5	Category 5E Patch Cord, RJ45 / RJ45	5.0ft (1.5m)	4.99	4.49	3.99	3.49	2.99
TRD815 __-7	Category 5E Patch Cord, RJ45 / RJ45	7.0ft (2.1m)	5.99	5.39	4.79	4.19	3.59
TRD815 __-10	Category 5E Patch Cord, RJ45 / RJ45	10.0ft (3.0m)	6.99	6.29	5.59	4.89	4.19
TRD815 __-14	Category 5E Patch Cord, RJ45 / RJ45	14.0ft (4.3m)	8.99	8.09	7.19	6.29	5.39
TRD815 __-25	Category 5E Patch Cord, RJ45 / RJ45	25.0ft (7.6m)	13.99	12.59	11.19	9.79	8.39
TRD815 __-50	Category 5E Patch Cord, RJ45 / RJ45	50.0ft (15.2m)	24.99	22.49	19.99	17.49	14.99
TRD815 __-75	Category 5E Patch Cord, RJ45 / RJ45	75.0ft (22.9m)	35.99	32.39	28.79	25.19	21.59
TRD815 __-100	Category 5E Patch Cord, RJ45 / RJ45	100.0ft (30.4m)	46.99	42.29	37.59	32.89	28.19

Premium Category 5E RJ45 Molded Crossover Ethernet Patch Cords

Also designed for today's high-density patch panels, these unique Category 5E molded patch cords feature an easy to depress "shark fin" snagless molded boot that makes connecting cables effortless. The clear boot also allows the color of each cable to be easily seen up to each port for easy cable identification. Each cable is crossover wired (EIA568A/B) for usage as either uplink connections or for direct connecting of two computers. Contact us today for all your patch cord needs.

TRD815CRBL

BL

TRD815CRBLK

BLK

TRD815CRGR

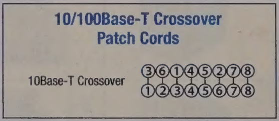
GR

TRD815CRR

R

TRD815CRY

Y



Ordering is easy, add the desired color code to the part number

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRD815CR __-3	10/100Base-T Crossover Patch Cord, RJ45 / RJ45	3.0ft (0.9m)	3.99	3.67	3.35	3.03	2.71
TRD815CR __-7	10/100Base-T Crossover Patch Cord, RJ45 / RJ45	7.0ft (2.1m)	5.99	5.51	5.03	4.55	4.07
TRD815CR __-10	10/100Base-T Crossover Patch Cord, RJ45 / RJ45	10.0ft (3.0m)	6.99	6.43	5.87	5.31	4.75
TRD815CR __-15	10/100Base-T Crossover Patch Cord, RJ45 / RJ45	15.0ft (4.6m)	8.99	8.27	7.55	6.83	6.11

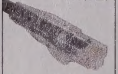
Premium Category 6 RJ45 Hi-Speed Network Patch Cords

Competitive pricing and high quality is what makes L-com's Category 6 patch cords the right choice. Made with high performance 4-pair Category 6 cable and snagless plugs, these cables are ready to be installed in your network. Affordability and peace of mind are assured when choosing L-com's patch cords. Large volume OEM requests are welcomed with this series. Contact us today for all your patch cord needs.

TRD695BL

BL

TRD695BLK



BLK

TRD695GR

GR

TRD695R

R

TRD695Y

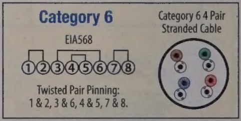
Y

TRD695GRY

GRY

TRD695WHT

WHT



Ordering is easy, add the desired color code to the part number

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRD695 __-1	Category 6 Patch Cord, RJ45 / RJ45	1.0ft (0.3m)	5.99	5.87	5.63	5.27	4.49
TRD695 __-3	Category 6 Patch Cord, RJ45 / RJ45	3.0ft (0.9m)	6.99	6.85	6.57	6.15	5.24
TRD695 __-5	Category 6 Patch Cord, RJ45 / RJ45	5.0ft (1.5m)	7.99	7.83	7.51	7.03	5.99
TRD695 __-7	Category 6 Patch Cord, RJ45 / RJ45	7.0ft (2.1m)	8.99	8.81	8.45	7.91	6.74
TRD695 __-10	Category 6 Patch Cord, RJ45 / RJ45	10.0ft (3.0m)	10.99	10.77	10.33	9.67	8.24
TRD695 __-14	Category 6 Patch Cord, RJ45 / RJ45	14.0ft (4.3m)	12.99	12.73	12.21	11.43	9.74
TRD695 __-25	Category 6 Patch Cord, RJ45 / RJ45	25.0ft (7.6m)	17.99	17.63	16.91	15.83	13.49
TRD695 __-50	Category 6 Patch Cord, RJ45 / RJ45	50.0ft (15.2m)	29.99	29.39	28.19	26.39	22.49
TRD695 __-75	Category 6 Patch Cord, RJ45 / RJ45	75.0ft (22.9m)	41.99	41.15	39.47	36.95	31.49
TRD695 __-100	Category 6 Patch Cord, RJ45 / RJ45	100.0ft (30.4m)	53.99	52.91	50.75	47.51	40.49

L-com® Global Connectivity

Same day shipping
Orders placed before 4:00 EST
ship the same day.

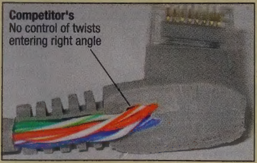
☑RoHS Premium Cat. 5E RJ45 Right Angle Ethernet Patch Cords

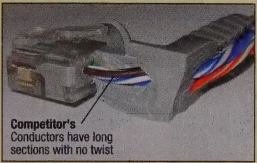
L-com's unique, patent pending, right angle patch cables provide true Category 5E performance at an affordable price. These newly designed right angle Ethernet patch cables feature a specialized channel separator and load bar to achieve Cat 5E performance while maintaining a right angle bend. L-com's right angle cables are superior to competitor's right angle assemblies. We've tested it ourselves and the competitor's right angle cables do not pass Cat 5e testing for NEXT or Return Loss since the twists of the individual pairs are not maintained through the strain relief and into the connector body. These industry first cables are perfect for use in tight fit applications and dense connectivity applications commonly found in data centers.

Tip *What makes L-com's Right Angle Category 5E cable design superior?*

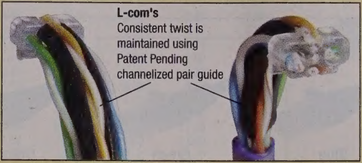
Our competitors' right angle cable designs are inferior as they do not maintain the proper pair twists as the cable enters the right angle. These cables have no mechanism for controlling the twisted pairs as they travel through the right angle strain relief. We tested these cables ourselves and they do not pass Cat 5e testing for NEXT or Return Loss. L-com's unique patent pending design utilizes a specialized channel separator and load bar to maintain the twists through the right angle. L-com's right angle cables are truly Cat 5e rated.

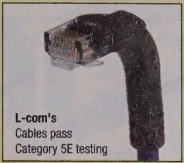
Competitors' Design

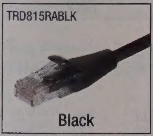


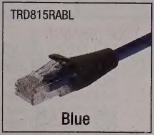


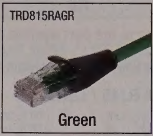
L-com's Patent Pending Design

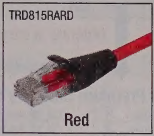












BLK	**BL**	**GR**	**OR**	**RD**	**Y**	**GRY**

Ordering is easy, add the desired color code to the part number. Ex: TRD815RABLK-3

☑RoHS Premium Category 5E Patch Cords, Straight RJ45/ Down RJ45 -Key on Bottom

Item #	Description		Length	1-9	10-24	25-99	100-249	250-499
TRD815RA __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37
TRD815RA __-60	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	60.0ft (18.3m)	30.49	28.66	26.83	25.00	23.17
TRD815RA __-75	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	75.0ft (22.9m)	36.49	34.30	32.11	29.92	27.73
TRD815RA __-100	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Down	100.0ft (30.4m)	47.49	44.64	41.79	38.94	36.09

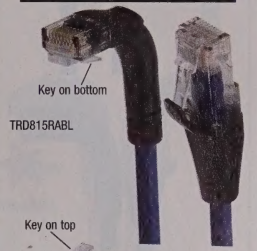
☑RoHS Premium Category 5E Patch Cords, Straight RJ45/ Up RJ45 -Key on Top

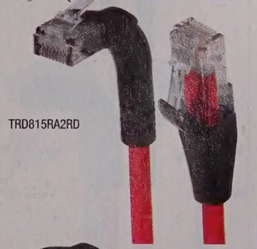
Item #	Description		Length	1-9	10-24	25-99	100-249	250-499
TRD815RA2 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA2 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA2 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA2 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA2 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA2 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA2 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA2 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA2 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA2 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA2 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA2 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37
TRD815RA2 __-60	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	60.0ft (18.3m)	30.49	28.66	26.83	25.00	23.17
TRD815RA2 __-75	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	75.0ft (22.9m)	36.49	34.30	32.11	29.92	27.73
TRD815RA2 __-100	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Up	100.0ft (30.4m)	47.49	44.64	41.79	38.94	36.09

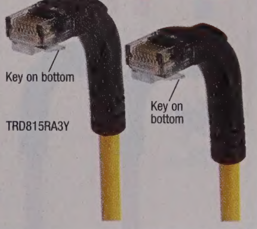
☑RoHS Premium Category 5E Patch Cords, Down RJ45 / Down RJ45 – Keys on Bottom

Item #	Description		Length	1-9	10-24	25-99	100-249	250-499
TRD815RA3 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	1.0ft (0.3m)	4.24	3.99	3.73	3.48	3.22
TRD815RA3 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	2.0ft (0.6m)	4.74	4.46	4.17	3.89	3.60
TRD815RA3 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	3.0ft (0.9m)	5.24	4.93	4.61	4.30	3.98
TRD815RA3 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	5.0ft (1.5m)	6.24	5.87	5.49	5.12	4.74
TRD815RA3 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	7.0ft (2.1m)	7.24	6.81	6.37	5.94	5.50
TRD815RA3 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	10.0ft (3.0m)	8.24	7.75	7.25	6.76	6.26
TRD815RA3 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	15.0ft (4.6m)	10.24	9.63	9.01	8.40	7.78
TRD815RA3 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	20.0ft (6.1m)	12.97	12.19	11.41	10.64	9.86
TRD815RA3 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	25.0ft (7.6m)	15.24	14.33	13.41	12.50	11.58
TRD815RA3 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	30.0ft (9.1m)	17.44	16.39	15.35	14.30	13.25
TRD815RA3 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	40.0ft (12.2m)	21.84	20.53	19.22	17.91	16.60
TRD815RA3 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	50.0ft (15.2m)	26.24	24.67	23.09	21.52	19.94
TRD815RA3 __-60	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	60.0ft (18.3m)	31.24	29.37	27.49	25.62	23.74
TRD815RA3 __-75	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	75.0ft (22.9m)	37.24	35.01	32.77	30.54	28.30
TRD815RA3 __-100	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Down	100.0ft (30.4m)	48.24	45.35	42.45	39.56	36.66

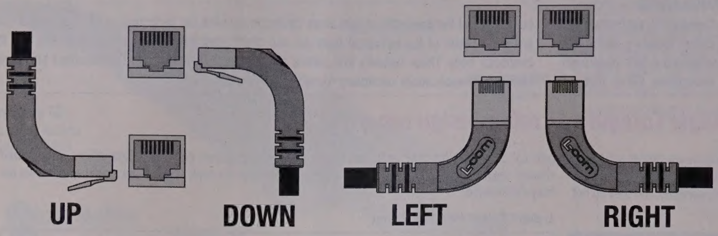
PATENT PENDING







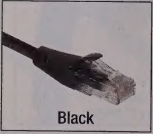
Category 6 available on-line at L-com.com



Exclusive

With L-com's unique right angle series, you can select from seven different colors and five boot directions (straight, right, left, up, down). Don't see the one you need? Check out **L-com.com** for every option (some just didn't make it into the catalog). Get category 5E performance and a right angle low profile connection with this new series of cables.

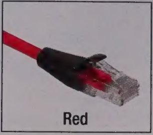
Patent Pending


Black

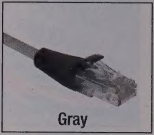
Blue

Green

Orange


Red

Yellow


Gray

BLK **BL** **GR** **OR** **RD** **Y** **GRY**

Ordering is easy, add the desired color code to the part number. Ex: TRD815RA6GR-3

Exclusive

TRD815RA6

TRD815RA7

TRD815RA8

TRD815RA9

Premium Category 5E Patch Cords, Straight RJ45 / Left RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA6 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA6 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA6 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA6 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA6 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA6 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA6 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA6 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA6 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA6 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA6 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA6 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Left	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

Premium Category 5E Patch Cords, Straight RJ45 / Right RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA7 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA7 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA7 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA7 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA7 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA7 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA7 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA7 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA7 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA7 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA7 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA7 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Straight / Right	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

Premium Category 5E Patch Cords, Left RJ45 / Right RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA8 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA8 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA8 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA8 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA8 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA8 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA8 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA8 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA8 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA8 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA8 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA8 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Right	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

Premium Category 5E Patch Cords, Left RJ45 / Left RJ45

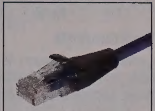
Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA9 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA9 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA9 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA9 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA9 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA9 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA9 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA9 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA9 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA9 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA9 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA9 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Left / Left	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

L-com Global Connectivity

Category 6 available at L-com.com

For more technical information
go to...L-com.com/RightAnglePatch

Black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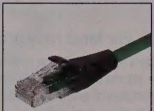
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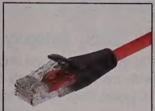

Orange

Red

Yellow

Gray

Black	Blue	Green	Orange	Red	Yellow	Gray
BLK	**BL**	**GR**	**OR**	**RD**	**Y**	**GRY**

Ordering is easy, add the desired color code to the part number. Ex: TRD815RA10BLK-3

✓RoHS Premium Category 5E Patch Cords, Down RJ45 / Right RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA10 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA10 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA10 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA10 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA10 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA10 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA10 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA10 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA10 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA10 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA10 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA10 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Right	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

✓RoHS Premium Category 5E Patch Cords, Down RJ45 / Left RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA11 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA11 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA11 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA11 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA11 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA11 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA11 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA11 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA11 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA11 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA11 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA11 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Down / Left	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

✓RoHS Premium Category 5E Patch Cords, Up RJ45 / Right RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA12 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA12 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA12 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA12 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA12 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA12 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA12 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA12 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA12 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA12 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA12 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA12 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Right	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

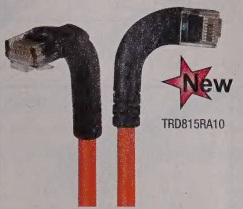
✓RoHS Premium Category 5E Patch Cords, Up RJ45 / Left RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA13 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA13 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA13 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA13 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA13 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA13 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA13 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA13 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA13 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA13 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA13 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA13 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Up / Left	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

✓RoHS Premium Category 5E Patch Cords, Right RJ45 / Right RJ45

Item #	Description	Connector Orientation	Length	1-9	10-24	25-99	100-249	250-499
TRD815RA14 __-1	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	1.0ft (0.3m)	3.49	3.28	3.07	2.86	2.65
TRD815RA14 __-2	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	2.0ft (0.6m)	3.99	3.75	3.51	3.27	3.03
TRD815RA14 __-3	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	3.0ft (0.9m)	4.49	4.22	3.95	3.68	3.41
TRD815RA14 __-5	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	5.0ft (1.5m)	5.49	5.16	4.83	4.50	4.17
TRD815RA14 __-7	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	7.0ft (2.1m)	6.49	6.10	5.71	5.32	4.93
TRD815RA14 __-10	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	10.0ft (3.0m)	7.49	7.04	6.59	6.14	5.69
TRD815RA14 __-15	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	15.0ft (4.6m)	9.49	8.92	8.35	7.78	7.21
TRD815RA14 __-20	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	20.0ft (6.1m)	12.22	11.49	10.75	10.02	9.29
TRD815RA14 __-25	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	25.0ft (7.6m)	14.49	13.62	12.75	11.88	11.01
TRD815RA14 __-30	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	30.0ft (9.1m)	16.69	15.69	14.69	13.69	12.68
TRD815RA14 __-40	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	40.0ft (12.2m)	21.09	19.82	18.56	17.29	16.03
TRD815RA14 __-50	Cat. 5E Patch Cord, RJ45 / RJ45	Right / Right	50.0ft (15.2m)	25.49	23.96	22.43	20.90	19.37

Exclusive Patent Pending



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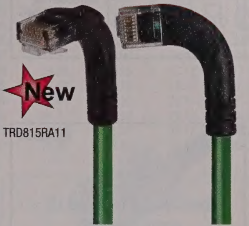

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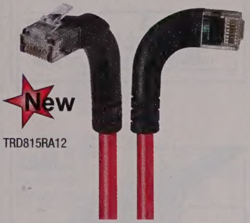

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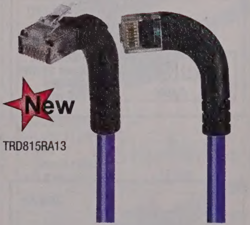
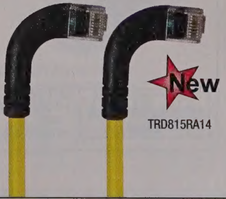


TRD815RA13



TRD815RA14

More New Products
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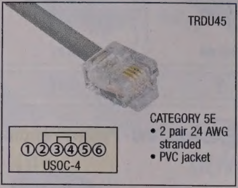
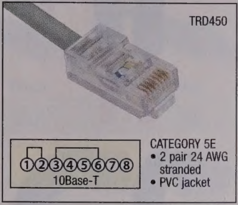
Category 6 available at L-com.com

Global Connectivity

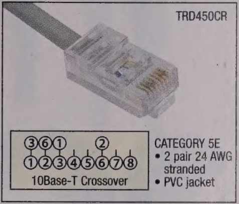
Unshielded Patch Cords



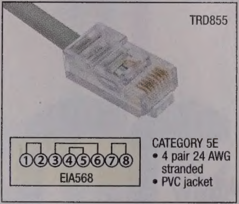
CATEGORY 5E
- 2 pair 24 AWG stranded
- PVC jacket



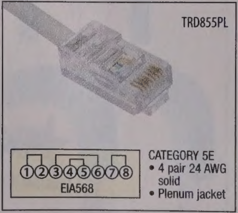
CATEGORY 5E
- 2 pair 24 AWG stranded
- PVC jacket



CATEGORY 5E
- 2 pair 24 AWG stranded
- PVC jacket



CATEGORY 5E
- 4 pair 24 AWG stranded
- PVC jacket



CATEGORY 5E
- 4 pair 24 AWG solid
- Plenum jacket

Unshielded Twisted Pair Patch Cords - Category 5E, For Most Network Environments

L-com offers the high quality Category 5E patch cords for use in today's rapidly changing network environments. Category 5E calls for 100 MHz bandwidth @ 100 Mbps data rate which is currently more than adequate for standard Ethernet environments. Unshielded assemblies are manufactured with UL Listed 24 AWG stranded cable with PVC jacket. Plugs have 50 microinches of gold; assemblies tested 100% prior to shipping.

☑RoHS Category 5E RJ11 to RJ11 Patch Cords - 2 Pair Stranded for 4 and 16 Mb Token Ring

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRDU45-2	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 2.0ft (0.6m)	Beige	3.36	3.16	2.96	2.76	2.55
TRDU45-3	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 3.0ft (0.9m)	Beige	3.60	3.38	3.17	2.95	2.74
TRDU45-5	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 5.0ft (1.5m)	Beige	4.08	3.84	3.59	3.35	3.10
TRDU45-7	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 7.0ft (2.1m)	Beige	4.56	4.29	4.01	3.74	3.47
TRDU45-10	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 10.0ft (3.0m)	Beige	5.28	4.96	4.65	4.33	4.01
TRDU45-15	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 15.0ft (4.6m)	Beige	6.48	6.09	5.70	5.31	4.92
TRDU45-25	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 25.0ft (7.6m)	Beige	8.88	8.35	7.81	7.28	6.75
TRDU45-50	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 50.0ft (15.2m)	Beige	14.88	13.99	13.09	12.20	11.31
TRDU45-100	Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 100.0ft (30.4m)	Beige	26.88	25.27	23.65	22.04	20.43

Twisted Pair Pinning: 2 & 5, 3 & 4.

☑RoHS Category 5E RJ45 to RJ45 Patch Cords - 2 Pair Stranded 24 AWG for Ethernet

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD450-2	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Beige	4.48	4.21	3.94	3.67	3.40
TRD450-3	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Beige	4.72	4.44	4.15	3.87	3.59
TRD450-5	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Beige	5.20	4.89	4.58	4.26	3.95
TRD450-7	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Beige	5.68	5.34	5.00	4.66	4.32
TRD450-10	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Beige	6.40	6.02	5.63	5.25	4.86
TRD450-15	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Beige	7.60	7.14	6.69	6.23	5.78
TRD450-25	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Beige	10.00	9.40	8.80	8.20	7.60
TRD450-50	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Beige	16.00	15.04	14.08	13.12	12.16
TRD450-100	Cat. 5E 10Base-T Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Beige	28.00	26.32	24.64	22.96	21.28

Twisted Pair Pinning: 1 & 2, 3 & 6.

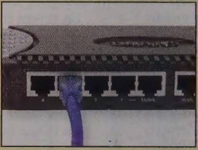
☑RoHS Category 5E RJ45 to RJ45 Crossover Patch Cords - 2 Pair Stranded for Ethernet Hub Stacking

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD450CR-2	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Beige	4.48	4.21	3.94	3.67	3.40
TRD450CR-3	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Beige	4.72	4.44	4.15	3.87	3.59
TRD450CR-5	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Beige	5.20	4.89	4.58	4.26	3.95
TRD450CR-7	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Beige	5.68	5.34	5.00	4.66	4.32
TRD450CR-10	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Beige	6.40	6.02	5.63	5.25	4.86
TRD450CR-15	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Beige	7.60	7.14	6.69	6.23	5.78
TRD450CR-25	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Beige	10.00	9.40	8.80	8.20	7.60
TRD450CR-50	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Beige	16.00	15.04	14.08	13.12	12.16
TRD450CR-100	Cat. 5E 10Base-T Crossover Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Beige	28.00	26.32	24.64	22.96	21.28

1 & 2, 3 & 6 Crossover allows Ethernet Hub Stacking.

Tip *Which patch cords are best for a 10/100 Mbps Ethernet network?*

Any of the TRD815 series patch cords found on page 40 will work effectively for ethernet networks. Choosing different colors for separate network segments in your wiring closet makes troubleshooting quick and easy.



☑RoHS Category 5E RJ45 to RJ45 Patch Cords - 4 Pair Stranded for EIA568 Wiring

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855-1	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Beige	3.59	3.23	2.87	2.51	2.15
TRD855-2	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Beige	3.89	3.50	3.11	2.72	2.33
TRD855-3	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Beige	4.19	3.77	3.35	2.93	2.51
TRD855-5	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Beige	4.79	4.31	3.83	3.35	2.87
TRD855-7	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Beige	5.39	4.85	4.31	3.77	3.23
TRD855-10	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Beige	6.29	5.66	5.03	4.40	3.77
TRD855-15	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Beige	7.79	7.01	6.23	5.45	4.67
TRD855-25	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Beige	10.79	9.71	8.63	7.55	6.47
TRD855-50	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Beige	18.29	16.46	14.63	12.80	10.97
TRD855-100	Cat. 5E EIA568 Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Beige	33.29	29.96	26.63	23.30	19.97

Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

☑RoHS Category 5E RJ45 to RJ45 Plenum Patch Cords - 4 Pair Solid for EIA568 Wiring

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855PL-1	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Beige	11.99	11.75	11.27	10.55	8.99
TRD855PL-2	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Beige	12.49	12.24	11.74	10.99	9.37
TRD855PL-3	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Beige	12.99	12.73	12.21	11.43	9.74
TRD855PL-5	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Beige	13.99	13.71	13.15	12.31	10.49
TRD855PL-7	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Beige	15.49	15.18	14.56	13.63	11.62
TRD855PL-10	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Beige	16.99	16.65	15.97	14.95	12.74
TRD855PL-15	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Beige	19.99	19.59	18.79	17.59	14.99
TRD855PL-25	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Beige	25.99	25.47	24.43	22.87	19.49
TRD855PL-50	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Beige	40.99	40.17	38.53	36.07	30.74
TRD855PL-75	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Beige	55.99	54.87	52.63	49.27	41.99
TRD855PL-100	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Beige	70.99	69.57	66.73	62.47	53.24
TRD855PL-150	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 150.0ft (45.7m)	Beige	100.99	98.97	94.93	88.87	75.74
TRD855PL-200	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 200.0ft (60.9m)	Beige	130.99	128.37	123.13	115.27	98.24
TRD855PL-250	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 250.0ft (76.2m)	Beige	160.99	157.77	151.33	141.67	120.74
TRD855PL-300	Cat. 5E EIA568 Plenum Patch Cord, RJ45 / RJ45, 300.0ft (91.4m)	Beige	190.99	187.17	179.53	168.07	143.24

Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

L-com® Global Connectivity

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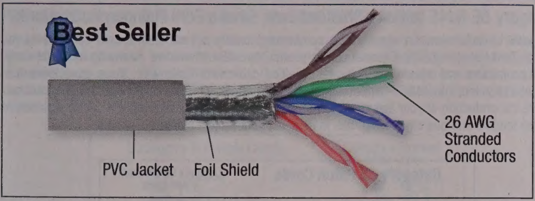
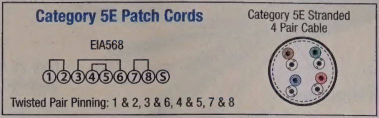


✓RoHS Category 5E Shielded Patch Cords - 4 Pair For EIA568 Wiring

For protection against EMI/RFI interference, L-com's economical shielded patch cables are ideal. With a 100% foil shield covering and 4-Pair 26 AWG stranded conductors, your data is protected from interference. This series is designed to perform to EIA568 standards.

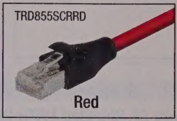


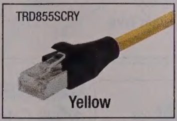
Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

TRD855SCRBLK
Black

TRD855SCRBL
Blue

TRD855SCRGR
Green


TRD855SCRRD
Red


TRD855SCRY
Yellow

TRD855SCR
Gray

BLK	BL	GR	RD	Y	*---

Ordering is easy, add the desired color code to the part number. Ex: TRD855SCRBLK-3.

*Note: No suffix necessary for Gray assemblies.

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRD855SCR __-1	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	1.0ft (0.3m)	7.45	7.30	7.00	6.56	5.59
TRD855SCR __-2	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	2.0ft (0.6m)	7.95	7.79	7.47	7.00	5.96
TRD855SCR __-3	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	3.0ft (0.9m)	8.45	8.28	7.94	7.44	6.34
TRD855SCR __-5	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	5.0ft (1.5m)	9.45	9.26	8.88	8.32	7.09
TRD855SCR __-7	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	7.0ft (2.1m)	10.45	10.24	9.82	9.20	7.84
TRD855SCR __-10	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	10.0ft (3.0m)	11.95	11.71	11.23	10.52	8.96
TRD855SCR __-15	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	15.0ft (4.6m)	14.45	14.16	13.58	12.72	10.84
TRD855SCR __-20	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	20.0ft (6.1m)	16.95	16.61	15.93	14.92	12.71
TRD855SCR __-25	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	25.0ft (7.6m)	19.45	19.06	18.28	17.12	14.59
TRD855SCR __-30	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	30.0ft (9.1m)	21.95	21.51	20.63	19.32	16.46
TRD855SCR __-40	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	40.0ft (12.2m)	26.95	26.41	25.33	23.72	20.21
TRD855SCR __-50	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	50.0ft (15.2m)	31.95	31.31	30.03	28.12	23.96
TRD855SCR __-75	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	75.0ft (22.9m)	44.45	43.56	41.78	39.12	33.34
TRD855SCR __-100	Shielded Cat. 5E EIA568 Patch Cord, RJ45 / RJ45	100.0ft (30.4m)	56.95	55.81	53.53	50.12	42.71
	Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8.						

Shielded Category 5E Patch Cords with RJ45 (8x8) and RJ11 (6x4) Connectors

These screened (shielded) patch cords are great for use in electrically noisy environments where EMI is an issue. These assemblies utilize two or four pair cabling covered by a foil or foil+braid shield. Now available in flexible PVC and plenum jacket formulations. Assemblies are 100% tested and individually bagged.

✓RoHS Category 5E Shielded RJ11 to RJ11 Patch Cords - 2 Pair USOC Wiring

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRDU45SCR-2	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 2.0ft (0.6m)	Beige	4.90	4.41	3.92	3.43	2.94
TRDU45SCR-3	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 3.0ft (0.9m)	Beige	5.35	4.82	4.28	3.75	3.21
TRDU45SCR-5	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 5.0ft (1.5m)	Beige	6.25	5.63	5.00	4.38	3.75
TRDU45SCR-7	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 7.0ft (2.1m)	Beige	7.15	6.44	5.72	5.00	4.29
TRDU45SCR-10	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 10.0ft (3.0m)	Beige	8.50	7.65	6.80	5.95	5.10
TRDU45SCR-15	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 15.0ft (4.6m)	Beige	10.75	9.68	8.60	7.52	6.45
TRDU45SCR-25	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 25.0ft (7.6m)	Beige	15.25	13.72	12.20	10.67	9.15
TRDU45SCR-50	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 50.0ft (15.2m)	Beige	26.50	23.85	21.20	18.55	15.90
TRDU45SCR-100	Shielded Cat. 5E USOC-4 Patch Cord, RJ11 / RJ11, 100.0ft (30.4m)	Beige	49.00	44.10	39.20	34.30	29.40
	Twisted Pair Pinning: 2 & 5, 3 & 4						

✓RoHS Category 5E Shielded RJ45 to RJ45 Plenum Patch Cords - 4 Pair Solid for EIA568 Wiring

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD815SPL-1	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Blue	24.99	24.49	23.49	21.99	18.74
TRD815SPL-2	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Blue	26.49	25.96	24.90	23.31	19.87
TRD815SPL-3	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Blue	27.99	27.43	26.31	24.63	20.99
TRD815SPL-5	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Blue	30.99	30.37	29.13	27.27	23.24
TRD815SPL-7	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Blue	33.99	33.31	31.95	29.91	25.49
TRD815SPL-10	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Blue	38.49	37.72	36.18	33.87	28.87
TRD815SPL-15	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Blue	45.99	45.07	43.23	40.47	34.49
TRD815SPL-25	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Blue	60.99	59.77	57.33	53.67	45.74
TRD815SPL-50	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Blue	98.49	96.52	92.58	86.67	73.87
TRD815SPL-75	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Blue	135.99	133.27	127.83	119.67	101.99
TRD815SPL-100	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Blue	173.49	170.02	163.08	152.67	130.12
TRD815SPL-150	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 150.0ft (45.7m)	Blue	248.49	243.52	233.58	218.67	186.37
TRD815SPL-200	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 200.0ft (60.9m)	Blue	323.49	317.02	304.08	284.67	242.62
TRD815SPL-250	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 250.0ft (76.2m)	Blue	398.49	390.52	374.58	350.67	298.87
TRD815SPL-300	Shielded Cat. 5E Plenum Patch Cord, RJ45 / RJ45, 300.0ft (91.4m)	Blue	473.49	464.02	445.08	416.67	355.12
	Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8						

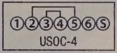
✓RoHS Category 5E RJ45 to RJ45 Crossover Patch Cords

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855XCR-2	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Lt. Gray	8.59	7.73	6.87	6.01	5.15
TRD855XCR-3	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Lt. Gray	9.19	8.27	7.35	6.43	5.51
TRD855XCR-5	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Lt. Gray	10.29	9.26	8.23	7.20	6.17
TRD855XCR-7	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Lt. Gray	11.39	10.25	9.11	7.97	6.83
TRD855XCR-10	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Lt. Gray	12.99	11.69	10.39	9.09	7.79
TRD855XCR-15	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Lt. Gray	15.79	14.21	12.63	11.05	9.47
TRD855XCR-25	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Lt. Gray	21.29	19.16	17.03	14.90	12.77
TRD855XCR-50	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Lt. Gray	34.99	31.49	27.99	24.49	20.99
TRD855XCR-75	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Lt. Gray	48.79	43.91	39.03	34.15	29.27
TRD855XCR-100	Cat. 5E Crossover Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Lt. Gray	62.49	56.24	49.99	43.74	37.49
	Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8						

Screened (Shielded) Patch Cords

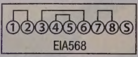
TRDU45SCR

SHIELDED CATEGORY 5E
- 2 pair 26 AWG stranded
- PVC jacket
- Foil shielding



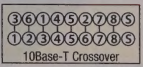
TRD815SPL

SHIELDED CATEGORY 5E
- 4 pair 24 AWG solid
- Plenum rated
- Foil shielding



TRD855XCR

SHIELDED CATEGORY 5E
- 4 pair crossover wired
- 26 AWG stranded conductors
- PVC jacket
- Foil shielding



✓RoHS **RoHS status information**
listed on every product saves you time.
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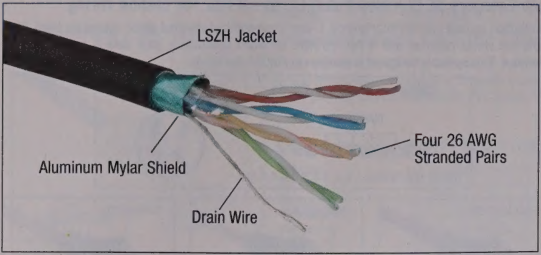
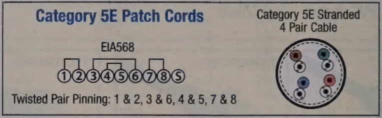
L-com Global Connectivity

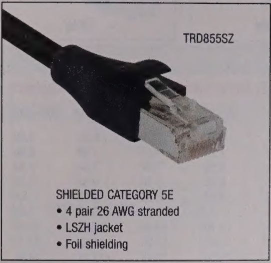


Category 5E RJ45 to RJ45 Shielded Low Smoke Zero Halogen Patch Cords

Designed for environments where PVC's combustive toxicity is restricted, L-com's shielded Low Smoke Zero Halogen (LSZH) Ethernet cables provide the ideal alternative. Featuring all-metal-body RJ45 connectors and aluminized polyester shielded cable with drain wire, these assemblies are designed to protect from EMI/RFI while maintaining high performance data transmission characteristics. Ensure the protection of your investment by utilizing these L-com exclusive LSZH cables. Ask about custom lengths and quantity pricing. Talk to us about your project today!



Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8



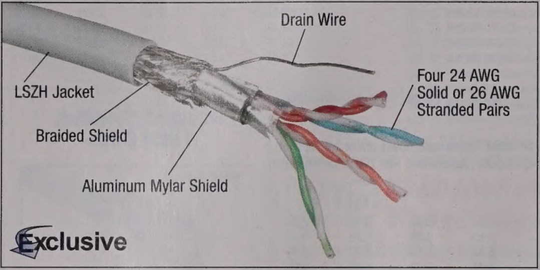
SHIELDED CATEGORY 5E
- 4 pair 26 AWG stranded
- LSZH jacket
- Foil shielding

Category 5E Shielded LSZH 26 AWG Stranded Patch Cords

This series features 26 AWG stranded conductors and a 100% foil shield. The LSZH jacket is perfect for environments where PVC's combustive toxicity is restricted.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855SZ-1	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Black	11.50	11.04	10.58	10.12	9.66
TRD855SZ-2	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Black	13.00	12.48	11.96	11.44	10.92
TRD855SZ-3	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Black	14.50	13.92	13.34	12.76	12.18
TRD855SZ-5	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Black	17.50	16.80	16.10	15.40	14.70
TRD855SZ-7	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Black	20.50	19.68	18.86	18.04	17.22
TRD855SZ-10	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Black	25.00	24.00	23.00	22.00	21.00
TRD855SZ-15	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Black	32.50	31.20	29.90	28.60	27.30
TRD855SZ-25	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Black	47.50	45.60	43.70	41.80	39.90
TRD855SZ-50	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Black	85.00	81.60	78.20	74.80	71.40
TRD855SZ-75	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Black	122.50	117.60	112.70	107.80	102.90
TRD855SZ-100	Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Black	160.00	153.60	147.20	140.80	134.40

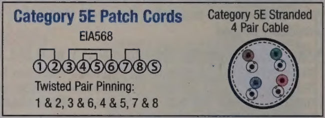
Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8



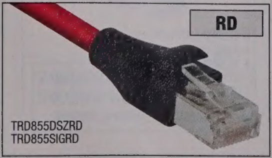
Category 5E Double Shielded Low Smoke Zero Halogen Patch Cords for High EMI/RFI Environments

When a single shield is not enough, L-com's exclusive double-shielded patch cords are ideal. EMI/RFI interference is drastically reduced due to L-com's superior cable shielding, a combination of a 100% foil plus a 60% braid shield. The Low Smoke Zero Halogen (LSZH) jacket allows this industrial patch cord to meet today's environmental and safety requirements.

DOUBLE SHIELDED CATEGORY 5E
- Double shielded foil+braid reduces EMI/RFI interference
- Low smoke zero halogen jacket for environmental and safety concerns
- 24 or 26 AWG conductors for flexibility
- Stock lengths are available up to 300 ft.



Twisted Pair Pinning:
1 & 2, 3 & 6, 4 & 5, 7 & 8



Category 5E Double Shielded LSZH 26 AWG Stranded Patch Cords

This series features 26 AWG stranded conductors that are flexible and easy to install even in tight spaces. L-com stocks lengths up to 300 ft and can ship most orders the same day.

Ordering is easy, add the desired color code to the part number. Ex: TRD855DSZBLK-1.
***Note: No suffix necessary for Gray assemblies.**

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855DSZ __-1	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)		12.70	12.19	11.68	11.18	10.67
TRD855DSZ __-2	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)		13.95	13.39	12.83	12.28	11.72
TRD855DSZ __-3	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)		15.20	14.59	13.98	13.38	12.77
TRD855DSZ __-5	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)		17.70	16.99	16.28	15.58	14.87
TRD855DSZ __-7	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)		20.20	19.39	18.58	17.78	16.97
TRD855DSZ __-10	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)		23.95	22.99	22.03	21.08	20.12
TRD855DSZ __-15	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)		30.20	28.99	27.78	26.58	25.37
TRD855DSZ __-25	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)		42.70	40.99	39.28	37.58	35.87
TRD855DSZ __-50	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)		73.95	70.99	68.03	65.08	62.12
TRD855DSZ __-75	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)		105.20	100.99	96.78	92.58	88.37
TRD855DSZ __-100	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)		136.45	130.99	125.53	120.08	114.62

Category 5E Double Shielded LSZH 24 AWG Solid Patch Cords

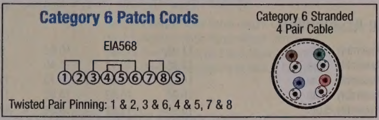
The TRD855SIG series features 24 AWG solid conductors allowing easy termination to IDC connectors. L-com stocks lengths up to 300 ft and can ship most orders the same day.

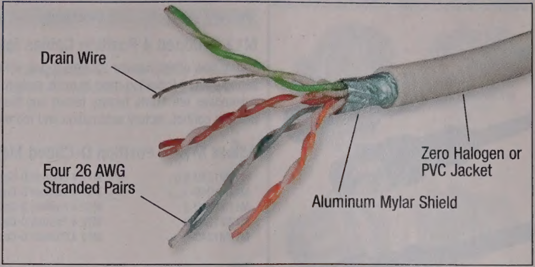
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855SIG __-1	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)		13.00	12.48	11.96	11.44	10.92
TRD855SIG __-2	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)		14.50	13.92	13.34	12.76	12.18
TRD855SIG __-3	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)		16.00	15.36	14.72	14.08	13.44
TRD855SIG __-5	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)		19.00	18.24	17.48	16.72	15.96
TRD855SIG __-7	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)		22.00	21.12	20.24	19.36	18.48
TRD855SIG __-10	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)		26.50	25.44	24.38	23.32	22.26
TRD855SIG __-15	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)		34.00	32.64	31.28	29.92	28.56
TRD855SIG __-25	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)		49.00	47.04	45.08	43.12	41.16
TRD855SIG __-50	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)		86.50	83.04	79.58	76.12	72.66
TRD855SIG __-75	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)		124.00	119.04	114.08	109.12	104.16
TRD855SIG __-100	Double Shielded Cat. 5E LSZH Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)		161.50	155.04	148.58	142.12	135.66

> "I've been a very happy L-com customer for several years now. Your company has done a great job supplying me with materials for all of my cabling needs." - Dr. Robert P. Winarski, Argonne National Lab

Premium Category 6 RJ45 to RJ45 Shielded Patch Cords

Category 6 has become the de facto standard when installing new network cabling. With high bandwidth applications on the rise and Ethernet network deployments venturing into new areas such as factory environments, the need for shielded Cat 6 cable assemblies has also increased. L-com has stepped up to this new demand and created a line of high performance Cat 6 patch cords that feature a 100% foil shield and the option of either a PVC or Zero Halogen jacket.


Category 6 Patch Cords
EIA568
①②③④⑤⑥⑦⑧Ⓢ
Category 6 Stranded 4 Pair Cable
Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8



Category 6 Shielded Patch Cords with PVC Jacket

This series features a RoHS compliant PVC jacket and a 100% foil shield. The four pair 26 AWG stranded Cat 6 cable is terminated with L-com's unique shielded Cat 6 plugs, with a fully crimped shield termination that doubles as a strain relief.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD695SCR-1	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Lt. Gray	8.95	8.77	8.41	7.88	6.71
TRD695SCR-2	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Lt. Gray	9.95	9.75	9.35	8.76	7.46
TRD695SCR-3	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Lt. Gray	10.95	10.73	10.29	9.64	8.21
TRD695SCR-5	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Lt. Gray	12.95	12.69	12.17	11.40	9.71
TRD695SCR-7	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Lt. Gray	14.95	14.65	14.05	13.16	11.21
TRD695SCR-10	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Lt. Gray	17.95	17.59	16.87	15.80	13.46
TRD695SCR-15	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Lt. Gray	22.95	22.49	21.57	20.20	17.21
TRD695SCR-25	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Lt. Gray	32.95	32.29	30.97	29.00	24.71
TRD695SCR-50	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Lt. Gray	57.95	56.79	54.47	51.00	43.46
TRD695SCR-75	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Lt. Gray	82.95	81.29	77.97	73.00	62.21
TRD695SCR-100	Shielded Cat. 6 Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Lt. Gray	107.95	105.79	101.47	95.00	80.96

Category 6 Shielded Patch Cords with LSZH Jacket

This series features a LSZH jacket and a 100% foil shield. The four pair 26 AWG stranded Cat 6 cable is terminated with L-com's unique shielded Cat 6 plugs, with a fully crimped shield termination that doubles as a strain relief.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD695SZ-1	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Lt. Gray	14.95	14.35	13.75	13.16	12.56
TRD695SZ-2	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Lt. Gray	15.95	15.31	14.67	14.04	13.40
TRD695SZ-3	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Lt. Gray	16.95	16.27	15.59	14.92	14.24
TRD695SZ-5	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Lt. Gray	18.95	18.19	17.43	16.68	15.92
TRD695SZ-7	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Lt. Gray	20.95	20.11	19.27	18.44	17.60
TRD695SZ-10	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Lt. Gray	23.95	22.99	22.03	21.08	20.12
TRD695SZ-15	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Lt. Gray	28.95	27.79	26.63	25.48	24.32
TRD695SZ-25	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Lt. Gray	38.95	37.39	35.83	34.28	32.72
TRD695SZ-50	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Lt. Gray	63.95	61.39	58.83	56.28	53.72
TRD695SZ-75	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Lt. Gray	88.95	85.39	81.83	78.28	74.72
TRD695SZ-100	Shielded Cat. 6 LSZH Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Lt. Gray	113.95	109.39	104.83	100.28	95.72

Extreme Hi-Flex Oil Resistant Category 5E Patch Cords

This series features 26 AWG stranded conductors and a braid and foil shield. The outer jacket is low-friction halogen-free PUR. This cable has been tested to 10 million flex cycles.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD877HF-1	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Teal	36.95	35.47	33.99	32.52	31.04
TRD877HF-2	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Teal	39.90	38.30	36.71	35.11	33.52
TRD877HF-3	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Teal	42.85	41.14	39.42	37.71	35.99
TRD877HF-5	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Teal	48.75	46.80	44.85	42.90	40.95
TRD877HF-7	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Teal	54.65	52.46	50.28	48.09	45.91
TRD877HF-10	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Teal	63.50	60.96	58.42	55.88	53.34
TRD877HF-15	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Teal	78.25	75.12	71.99	68.86	65.73
TRD877HF-25	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Teal	107.75	103.44	99.13	94.82	90.51
TRD877HF-50	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Teal	181.50	174.24	166.98	159.72	152.46
TRD877HF-75	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Teal	255.25	245.04	234.83	224.62	214.41
TRD877HF-100	Shielded Cat. 5E Extreme Hi-Flex Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Teal	329.00	315.84	302.68	289.52	276.36

Hi-Flex Oil Resistant Category 5E Patch Cords

This series features 26 AWG stranded conductors and a braided shield. The outer jacket is low-friction halogen-free PUR that is perfect for cable track applications.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TRD855HFX-1	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 1.0ft (0.3m)	Teal	34.95	33.55	32.15	30.76	29.36
TRD855HFX-2	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 2.0ft (0.6m)	Teal	37.90	36.38	34.87	33.35	31.84
TRD855HFX-3	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 3.0ft (0.9m)	Teal	40.85	39.22	37.58	35.95	34.31
TRD855HFX-5	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 5.0ft (1.5m)	Teal	46.75	44.88	43.01	41.14	39.27
TRD855HFX-7	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 7.0ft (2.1m)	Teal	52.65	50.54	48.44	46.33	44.23
TRD855HFX-10	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 10.0ft (3.0m)	Teal	61.50	59.04	56.58	54.12	51.66
TRD855HFX-15	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 15.0ft (4.6m)	Teal	76.25	73.20	70.15	67.10	64.05
TRD855HFX-25	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 25.0ft (7.6m)	Teal	105.75	101.52	97.29	93.06	88.83
TRD855HFX-50	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 50.0ft (15.2m)	Teal	179.50	172.32	165.14	157.96	150.78
TRD855HFX-75	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 75.0ft (22.9m)	Teal	253.25	243.12	232.99	222.86	212.73
TRD855HFX-100	Shielded Cat. 5E Hi-Flex Patch Cord, RJ45 / RJ45, 100.0ft (30.4m)	Teal	327.00	313.92	300.84	287.76	274.68

Best Seller

TRD695SCR

SHIELDED CATEGORY 6
- 4 pair 26 AWG stranded
- PVC jacket
- Foil shielding

TRD695SZ

SHIELDED CATEGORY 6
- 4 pair 26 AWG stranded
- LSZH jacket
- Foil shielding

TRD877HF

EXTREME HIGH-FLEX SHIELDED CATEGORY 5E
- 4 pair 26 AWG stranded
- Zero Halogen jacket
- Double shielded foil
- Tested to 10 million flex cycles

TRD855HFX

HIGH-FLEX SHIELDED CATEGORY 5E
- 4 pair 26 AWG stranded
- Oil resistant jacket
- Braid shielding
- Tested to 2.5 million flex cycles

Technical resources
Free tips, tutorials and downloads help you learn all about connectivity. Visit L-com.com/Resources

M12 D-Coded 4 Position Cables for Ethernet and Fieldbus Applications

L-com now offers popular 22 AWG 2-pair, 4 Position, D-coded M12 cable assemblies for use in Ethernet and fieldbus applications. We stock multiple configurations including male to male, male to female and male (straight) to male (right angle), as well as male M12 to RJ45 plug styles. These robust assemblies are 100% factory tested and feature UV and chemical resistant PUR jackets. Applications for these assemblies include manufacturing, process control, factory automation and more. Contact us today with your custom M12 requirements.

✓RoHS M12 4 Position D-Coded Male to Male Cable Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
M12M124D-0.5	M12 4 Position D-Coded Male / Male Cable Assembly, 0.5m	11.95	11.23	10.52	9.80	9.08
M12M124D-1	M12 4 Position D-Coded Male / Male Cable Assembly, 1.0m	12.95	12.17	11.40	10.62	9.84
M12M124D-2	M12 4 Position D-Coded Male / Male Cable Assembly, 2.0m	14.95	14.05	13.16	12.26	11.36
M12M124D-3	M12 4 Position D-Coded Male / Male Cable Assembly, 3.0m	16.95	15.93	14.92	13.90	12.88
M12M124D-5	M12 4 Position D-Coded Male / Male Cable Assembly, 5.0m	18.95	17.81	16.68	15.54	14.40

✓RoHS M12 4 Position D-Coded Male (Straight) to Male (Right Angle) Cable Assemblies

M12M12R4D-0.5	M12 4 Position D-Coded Male / Male Right Angle Cable Assembly, 0.5m	11.95	11.23	10.52	9.80	9.08
M12M12R4D-1	M12 4 Position D-Coded Male / Male Right Angle Cable Assembly, 1.0m	12.95	12.17	11.40	10.62	9.84
M12M12R4D-2	M12 4 Position D-Coded Male / Male Right Angle Cable Assembly, 2.0m	14.95	14.05	13.16	12.26	11.36
M12M12R4D-3	M12 4 Position D-Coded Male / Male Right Angle Cable Assembly, 3.0m	16.95	15.93	14.92	13.90	12.88
M12M12R4D-5	M12 4 Position D-Coded Male / Male Right Angle Cable Assembly, 5.0m	18.95	17.81	16.68	15.54	14.40

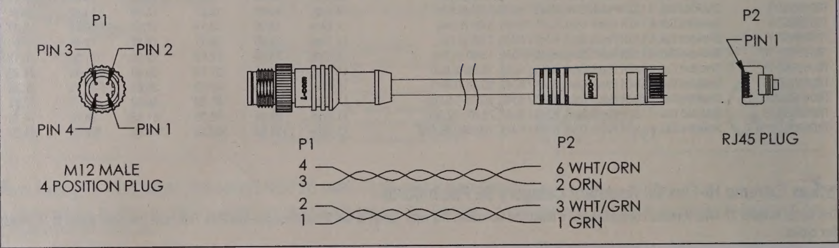
✓RoHS M12 4 Position D-Coded Male to Female Cable Assemblies

M12M12F4D-0.5	M12 4 Position D-Coded Male / Female Cable Assembly, 0.5m	13.95	13.11	12.28	11.44	10.60
M12M12F4D-1	M12 4 Position D-Coded Male / Female Cable Assembly, 1.0m	14.95	14.05	13.16	12.26	11.36
M12M12F4D-2	M12 4 Position D-Coded Male / Female Cable Assembly, 2.0m	16.95	15.93	14.92	13.90	12.88
M12M12F4D-3	M12 4 Position D-Coded Male / Female Cable Assembly, 3.0m	18.95	17.81	16.68	15.54	14.40
M12M12F4D-5	M12 4 Position D-Coded Male / Female Cable Assembly, 5.0m	21.95	20.63	19.32	18.00	16.68

✓RoHS M12 4 Position D-Coded Male to RJ45 Male Cable Assemblies

M12RJ454D-0.5	M12 4 Position D-Coded Male / RJ45 Male Cable Assembly, 0.5m	11.95	11.23	10.52	9.80	9.08
M12RJ454D-1	M12 4 Position D-Coded Male / RJ45 Male Cable Assembly, 1.0m	12.95	12.17	11.40	10.62	9.84
M12RJ454D-2	M12 4 Position D-Coded Male / RJ45 Male Cable Assembly, 2.0m	16.95	15.93	14.92	13.90	12.88
M12RJ454D-3	M12 4 Position D-Coded Male / RJ45 Male Cable Assembly, 3.0m	20.95	19.69	18.44	17.18	15.92
M12RJ454D-5	M12 4 Position D-Coded Male / RJ45 Male Cable Assembly, 5.0m	29.95	28.15	26.36	24.56	22.76

M12RJ454D Wiring Map



M12 A-Coded 5 Position Cables for Sensor and Fieldbus Applications

L-com stocks A-coded 5 Position M12 cable assemblies for use in sensor and fieldbus applications. These rugged cables feature PUR jackets, 22 AWG stranded conductors and are 100% factory tested to ensure system uptime.

✓RoHS M12 5 Position A-Coded Female to Cut End Cable Assemblies

M12FOE5A-0.5	M12 5 Position A-Coded Female / Cut End, 0.5m	8.95	8.41	7.88	7.34	6.80
M12FOE5A-1	M12 5 Position A-Coded Female / Cut End, 1.0m	10.25	9.63	9.02	8.41	7.79
M12FOE5A-2	M12 5 Position A-Coded Female / Cut End, 2.0m	12.95	12.17	11.40	10.62	9.84

✓RoHS M12 5 Position A-Coded Male to Male Cable Assemblies

M12M125A-0.5	M12 5 Position A-Coded Male / Male Cable Assembly, 0.5m	12.95	12.17	11.40	10.62	9.84
M12M125A-1	M12 5 Position A-Coded Male / Male Cable Assembly, 1.0m	14.95	14.05	13.16	12.26	11.36
M12M125A-2	M12 5 Position A-Coded Male / Male Cable Assembly, 2.0m	17.95	16.87	15.80	14.72	13.64
M12M125A-3	M12 5 Position A-Coded Male / Male Cable Assembly, 3.0m	20.95	19.69	18.44	17.18	15.92
M12M125A-5	M12 5 Position A-Coded Male / Male Cable Assembly, 5.0m	25.95	24.39	22.84	21.28	19.72

✓RoHS M12 5 Position A-Coded Male to Female Cable Assemblies

M12M12F5A-0.5	M12 5 Position A-Coded Male / Female Cable Assembly, 0.5m	14.95	14.05	13.16	12.26	11.36
M12M12F5A-1	M12 5 Position A-Coded Male / Female Cable Assembly, 1.0m	16.95	15.93	14.92	13.90	12.88
M12M12F5A-2	M12 5 Position A-Coded Male / Female Cable Assembly, 2.0m	19.95	18.75	17.56	16.36	15.16
M12M12F5A-3	M12 5 Position A-Coded Male / Female Cable Assembly, 3.0m	22.95	21.57	20.20	18.82	17.44
M12M12F5A-5	M12 5 Position A-Coded Male / Female Cable Assembly, 5.0m	28.95	27.21	25.48	23.74	22.00

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M12 D-Coded 4 Position and 5 Position Panel, PCB and Solder Style Connectors

L-com offers a complete line of D-Coded 4 and 5 Position M12 connectors for enclosure, panel and PCB applications. These quality constructed connectors provide years of trouble free use in the most trying applications. These M12 connectors are offered in both male and female versions and are rated to IP68.

✓RoHS M12 D-Coded Panel Mount Connectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
CON-M124PM	M12 4 Position Male Panel Mount Connector	7.50	7.35	7.20	7.05	6.90
CON-M125PM	M12 5 Position Male Panel Mount Connector	7.95	7.79	7.63	7.47	7.31
CON-M124PF	M12 4 Position Female Panel Mount Connector	8.25	8.08	7.92	7.75	7.59
CON-M125PF	M12 5 Position Female Panel Mount Connector	8.95	8.77	8.59	8.41	8.23

✓RoHS M12 D-Coded PCB Mount Connectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
CON-M124PCBM	M12 4 Position Male PCB Mount Connector	6.95	6.81	6.67	6.53	6.39
CON-M125PCBM	M12 5 Position Male PCB Mount Connector	7.25	7.10	6.96	6.81	6.67
CON-M124PCBF	M12 4 Position Female PCB Mount Connector	9.95	9.75	9.55	9.35	9.15
CON-M125PCBF	M12 5 Position Female PCB Mount Connector	10.95	10.73	10.51	10.29	10.07

✓RoHS M12 D-Coded Solder Style Connectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
CON-M124SLDM	M12 4 Position Male Solder Style Connector	7.95	7.79	7.63	7.47	7.31
CON-M125SLDM	M12 5 Position Male Solder Style Connector	8.50	8.33	8.16	7.99	7.82
CON-M124SLDF	M12 4 Position Female Solder Style Connector	9.95	9.75	9.55	9.35	9.15
CON-M125SLDF	M12 5 Position Female Solder Style Connector	10.25	10.04	9.84	9.63	9.43

✓RoHS M12 D-Coded 4 Position and 5 Position Adapters

L-com stocks a multitude of M12 D-Coded adapters including T style, I style and Y style M12 4 Position and 5 Position adapters. These rugged adapters are designed for use in harsh environments requiring temperature ranges from -25°C to 90°C.

✓RoHS M12 D-Coded 3 Way T Style Adapters

Item #	Description	1-9	10-24	25-99	100-249	250-499
ADPT-M124MT	M12 4 Position 3 Way Male T Adapter	16.95	16.61	16.27	15.93	15.59
ADPT-M125MT	M12 5 Position 3 Way Male T Adapter	18.25	17.88	17.52	17.15	16.79
ADPT-M124FT	M12 4 Position 3 Way Female T Adapter	19.95	19.55	19.15	18.75	18.35
ADPT-M125FT	M12 5 Position 3 Way Female T Adapter	22.25	21.80	21.36	20.91	20.47

✓RoHS M12 D-Coded 2 Way I Style Adapters

Item #	Description	1-9	10-24	25-99	100-249	250-499
ADPT-M124MI	M12 4 Position Inline Male I Adapter	10.59	10.38	10.17	9.95	9.74
ADPT-M125MI	M12 5 Position Inline Male I Adapter	11.59	11.36	11.13	10.89	10.66
ADPT-M124FI	M12 4 Position Inline Female I Adapter	12.95	12.69	12.43	12.17	11.91
ADPT-M125FI	M12 5 Position Inline Female I Adapter	14.50	14.21	13.92	13.63	13.34

✓RoHS M12 D-Coded 3 Way Y Style Adapters

Item #	Description	1-9	10-24	25-99	100-249	250-499
ADPT-M124MY	M12 4 Position 3 Way Male Y Adapter	14.00	13.72	13.44	13.16	12.88
ADPT-M125MY	M12 5 Position 3 Way Male Y Adapter	16.95	16.61	16.27	15.93	15.59
ADPT-M124FY	M12 4 Position 3 Way Female Y Adapter	17.95	17.59	17.23	16.87	16.51
ADPT-M125FY	M12 5 Position 3 Way Female Y Adapter	19.95	19.55	19.15	18.75	18.35

Hirschmann Field Attachable IP67 M12 Connector

This robust field attachable Industrial Ethernet M12 connector from Hirschmann is perfect for repair or installation of new and existing industrial cable plants. This connector is "D"-coded according to IEC 61076-2-101 4 and supports both 10Base-T and 100Base-T Ethernet applications. The EM12S Octopus is IP67 rated and features 4 contacts and IDC style termination.

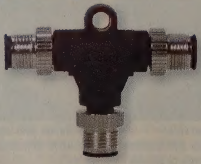
Item #	Description	List Price
EM12S OCTOPUS	Hirschmann Field Attachable IP67 M12 Connector	30.00

Hirschmann Bulkhead M12 to RJ45 IP67/65 Connector

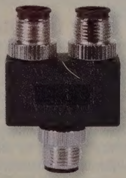
This versatile IP67/65 adapter from Hirschmann provides a bulkhead style M12 connector on one and a shielded RJ45 jack on the other to address specific Industrial Ethernet applications. The M12 connector is "D"-coded according to IEC 61076-2-101 and supports both 10Base-T and 100Base-T Ethernet applications.

Item #	Description	List Price
EF12RJ45 OCTOPUS	Hirschmann Bulkhead M12 to RJ45 IP67/65 Connector	78.00

M12 Adapter Configuration Options

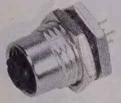

T Style

I Style

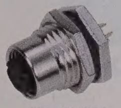

Y Style

CON-M125PF
Front View

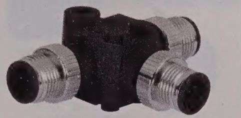
CON-M125PF
Back View


CON-M124PCBF
Front View

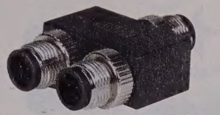
CON-M124PCBF
Back View


CON-M124SLDF
Front View

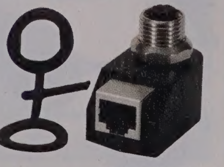
CON-M124SLDF
Back View


ADPT-M125MT

ADPT-M124MI


ADPT-M124MY

Front View
Back View
EM12S OCTOPUS


EF12RJ45 OCTOPUS

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ECRA0211UA0

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New

ECRA4213UA0

New

ECRD0201U00

New

ECRD3103U00

New

ECRH0103U00

New

ECRH3201U00

New

ECRK0201U00

New

ECRP5103UA0

Ruggedized RJ45 Plugs and Jacks:

In today's world of high-speed communications, Ethernet has become the standard platform for all voice, video and data services. L-com's new ruggedized family of RJ45 plugs and receptacles provide an efficient, comprehensive and affordable solution to Ethernet connectivity for harsh and environmentally challenged applications. These parts feature 100% transversely sealed (IP-68) configurations as a standard product design, thus preventing dust, water and moisture penetration, with or without dust cap or plug engagement. The ruggedized parts offer comprehensive shielding and grounding effectiveness capable of sustaining higher data transmission rates as well as Electro-Magnetic Conductance (EMC) for Military applications (only Zinc-Nickel finished parts offer EMC grounding). Lastly, the ruggedized components feature multiple pre-kitted solutions including gaskets, O-rings, mounting brackets and hardware. This makes it easier for customers to procure, install and integrate these components. Suggested areas of usage include Data, VOIP, IPTV in harsh environments, 10/100/1000 Base-T networks, battlefield communication systems, industrial process control, data acquisition and control, factory environments, radar systems, railways and shelters among other things.

Ruggedized RJ45 Plugs

L-com's ruggedized RJ45 plugs are transversely sealed and designed to integrate with other ruggedized jam-nuts, flange mounts and in-line receptacles. Special compressive fittings allow these plugs to work with shielded or unshielded cable. A compression nut establishes 10lb of cable strain relief establishing robust cable strength. Internal conductive compression is used to interoperate with the cable braid to form a 360° ground plane. These parts are designed to work with cables that have an outer diameter of .190-.270 inches. Plugs that utilize a larger diameter cables are available upon request. Plugs are available with or without dust caps. Ruggedize your plugs for harsh environmental applications today!

Item #	Description	List Price
ECRA0211UA0	Ruggedized RJ45 Plug, Anodized Finish, Fits Cable OD .190-.270 inches	61.89
ECRA0213UA0	Ruggedized RJ45 Plug, Zinc-Nickel Finish, Fits Cable OD .190-.270 inches	71.62
ECRA4211UA0	Ruggedized RJ45 Plug, Anodized Finish, Fits Cable OD .190-.270 inches with Dust Cap	88.00
ECRA4213UA0	Ruggedized RJ45 Plug, Zinc-Nickel Finish, Fits Cable OD .190-.270 inches with Dust Cap	98.85

Ruggedized RJ45 Flange Mount Receptacle

These ruggedized RJ45 Flange mounts are transversely sealed for complete moisture and dust protection. L-com's ECRD line provides both the Flange mount and sealing gasket. Zinc-Nickel versions are available with an EMC grounding plate on both sides of the receptacle to ensure full grounding of shielded RJ45 cables sets. Flanges are available with or without dust caps. See **L-com.com** for our full line of harsh environment products.

ECRD0103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield	47.09
ECRD0201U00	Ruggedized Flange Mount, Anodized Finish	35.05
ECRD0203U00	Ruggedized Flange Mount, Zinc-Nickel Finish	40.65
ECRD3103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield and Dust Cap	68.04
ECRD3201U00	Ruggedized Flange Mount, Anodized Finish with Dust Cap	54.90
ECRD3203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Dust Cap	61.61

Ruggedized RJ45 Flange Mount Receptacles with Full Mounting Hardware

The ECRF line comes with full mounting hardware including bracket, self-sealing mounting screws, and O-rings for an easy installation. Zinc-Nickel versions are available with an EMC grounding plate on both sides of the receptacle to ensure full grounding of shielded RJ45 cord sets. Flanges are available with or without dust caps.

ECRH0103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield and Mounting Hardware	56.37
ECRH0201U00	Ruggedized Flange Mount, Anodized Finish with Mounting Hardware	44.18
ECRH0203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Mounting Hardware	49.93
ECRH3103U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Grounding Shield, Mounting Hardware and Dust Cap	77.32
ECRH3201U00	Ruggedized Flange Mount, Anodized Finish with Mounting Hardware and Dust Cap	64.03
ECRH3203U00	Ruggedized Flange Mount, Zinc-Nickel Finish with Mounting Hardware and Dust Cap	70.88

Ruggedized RJ45 Jam-Nut Receptacle

L-com's transversely sealed jam-nuts are an ideal fit for situations requiring a ruggedized RJ45 jack and a simple D-hole for mounting with no additional hardware required. Zinc-Nickel versions are available with an EMC grounding plate on both sides of the receptacle to ensure proper grounding for shielded RJ45 cables. Jam-nuts are available both with and without dust caps. Call today to discuss custom solutions for all your interconnect needs.

ECRK0103U00	Ruggedized Jam-nut, Zinc-Nickel Finish with Grounding Shield	55.56
ECRK0201U00	Ruggedized Jam-nut, Anodized Finish	40.68
ECRK0203U00	Ruggedized Jam-nut, Zinc-Nickel Finish	46.09
ECRK2103U00	Ruggedized Jam-nut, Zinc-nickel Finish with Grounding Shield and Dust Cap	84.79
ECRK2201U00	Ruggedized Jam-nut, Anodized Finish with Dust Cap	67.70
ECRK2203U00	Ruggedized Jam-nut, Zinc-Nickel Finish with Dust Cap	75.31

Ruggedized RJ45 In-line Receptacle

These ruggedized RJ45 receptacles are transversely sealed but also designed to work L-com's line of ruggedized RJ45 plugs. These parts are designed to work with cables that have an outer diameter of .190-.270 inches. Receptacles made to work with larger diameter cables are available upon request. The Zinc-Nickel version contains an EMC grounding plate to ensure full grounding of shielded RJ45 cables. Order ruggedized connectors online today.

ECRP5103UA0	Ruggedized RJ45 Receptacle, Zinc-Nickel Finish with Grounding Shield and Dust Cap, Fits Cable OD .190-.270 inches	100.95
ECRP5201UA0	Ruggedized RJ45 Receptacle, Anodized Finish with Dust Cap, Fits Cable OD .190-.270 inches	83.66

Tip *Grounding RJ45 ruggedized jacks*

Many applications that require the use of higher data rates require proper grounding and shielding. To address this, L-com offers our Zinc-Nickel finished line of RJ45 Ruggedized jacks which are designed to establish sufficient grounding between shielded cord sets and chassis ground. They also provide EMC/EMI shielding for applications where immunity to electromagnetic interference is crucial. The parts provide >0.033Ω for shielded cable to cable or cable to ground use. This is accomplished using a grounding plate, conductive O-ring and gasket. The parts adhere to and are tested to IAW MIL-STD-461F, RS103 for EMI emission and susceptibility.

EMC Shroud (front view) – conductive surface with shielded cable and receptacle or chassis ground

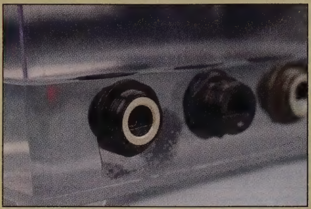
EMC Shroud (rear view) – conductive surface with shielded cable

Global Connectivity

Same day shipping
Orders placed before 4:00 EST
ship the same day.

Tip What does transversely sealed mean?

Did you know that all of L-com's new ruggedized RJ45 plugs, jam-nuts, flanges and in-line receptacles are transversely sealed? As the name implies, this means that they are waterproof. The parts meet or exceed IP-68 rating with or without dust covers or mated connectors engaged with the receptacle. The plugs and jacks are waterproof even without a mated cap or connector when submerged under 1 meter of water for up to two days! Your equipment will not be at risk from moisture or dust even if you lose or forget the dust cap!



Ruggedized RJ45 Plug and Jack Performance Specifications:		
Specification	**Parameter**	**Range**
Insertion Loss	IEEE 802.3	LX 1000 BASE-T, NXT, FXT
Temperature Cycling	EIA-364-32, 25 Cycles	-45°C to +100°C
Temperature Shock 5 Cycles	EIA-364-32	-40°C to +100°C
Humidity Resistance	EIA-364-31	21 Days 43°C, 98% Humidity
Water Submersion	IP-68,IEC-60529	1M Depth, 48 Hours
Dust Test	IP-68, IEC-60529	20m BARS Air Pressure, 8 Hours
Mechanical Shock	EIA-364-27B 100G	6ms, Half Sine, 6 directions
Vibration, 4 Hours Per Axis	EIA-364-28	Test Condition IV, 12 Hours Total
Mating Durability	EIA-364-09	500 Mate / De-mate Cycles
Flammability	Per UL94	Compliant to V0, V1, 10 sec. each
Salt Spray	EIA-364-26	500 Hours
Shell-To-Shell Conductivity, (ZiNi Plating Only)	EIA-364-83	1V @ 1.5VDC, 100 Hours

Item # | Description | Reel | Color | List Price

✓RoHS Category 5E PUR Double Shielded Oil Resistant Jacket Industrial Ethernet Bulk Cable

This Polyurethane jacketed cable is not only UV and Oil resistant but double shielded to keep out unwanted EMI/RFI interference. With a wide temperature operating range of -40°C to +75°C, it is ideal for harsh factory environments.

Item #	Description	Reel	Color	List Price
TFCPUR5730	Category 5E, Double Shielded, PUR 4-pr. Stranded, 26 Awg	1,000ft Reel	Black	949.00

✓RoHS Category 5E Continuous Hi-Flex Oil Resistant Ethernet Bulk Cable

These special ultra flexible bulk cables are built for rough factory floors. Both TC5700 and TC5750 are tested to 1 million flex cycles (10x cable OD min. radius) and 10 million flex cycles (20x cable OD min. radius). TC5700 features a Polyurethane and UV resistant jacket. TC5750 features a Flame-Retardant Thermoplastic Elastomer and UV resistant jacket. Both have a wide operating temperature of -40°C to +75°C.

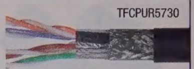
Item #	Description	Reel	Color	List Price
TC5700	Category 5E, PUR 4-pr. Stranded Hi-Flex, 24 AWG	1,000ft Reel	Black	585.00
TC5750	Category 5E, FR-TPE 4-pr. Stranded Hi-Flex, 24 AWG	1,000ft Reel	Black	590.00

Item # | Description | Reel | Color | 1-9 | 10-24 | 25-99 | 100-249

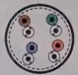
✓RoHS Category 5E Shielded Continuous Hi-Flex Oil Resistant Ethernet Bulk Cable

These cables are designed for environments where ordinary cables fail. These L-com exclusive ultra flexible bulk cables are built to take a beating. With Halogen-free PUR jackets, these Hi-Flex cables will not breakdown when exposed to oil based lubricants making them ideal for robotic control systems on the factory floor. TFCHF2004 is tested to 2.5 million flex cycles (12.5x cable OD min. radius). TFCLS2005 is tested to 10 million flex cycles (20x cable OD min. radius).

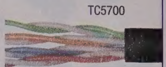
Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFCHF2004	Category 5E Shielded, 4-pr. Stranded Hi-Flex, 26 AWG	1,000ft Reel	Teal	2995.00	2935.10	2875.20	2815.30
TFCLS2005	Category 5E Shielded, 4-pr. Stranded Extreme Hi-Flex, 26 AWG	1,000ft Reel	Teal	1449.00	1420.02	1391.04	1362.06



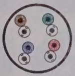
TFCPUR5730
- PUR jacket
- UV resistant
- Oil resistant
- Double shielded
- -40° to +75°C
- 26 AWG Stranded



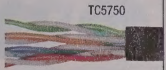
New



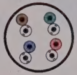
TC5700
- PUR jacket
- UV resistant
- Oil resistant
- Hi-Flex
- -40° to +75°C
- 24 AWG Stranded



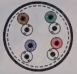
New



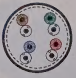
TC5750
- FR-TPE jacket
- UV resistant
- Oil resistant
- Hi-Flex
- -40° to +75°C
- 24 AWG Stranded



TFCHF2004
- PUR jacket
- Oil resistant
- Halogen free
- Hi-Flex
- Shielded
- -40° to +50°C
- 26 AWG Stranded



TFCLS2005
- PUR jacket
- Oil resistant
- LSZH
- Double shielded
- -40° to +75°C
- 26 AWG Stranded



Tip Understanding Industrial Cables

L-com's industrial cables are made to take a beating and keep on transmitting. They are able to accomplish this by utilizing special jackets and materials in their construction. Please use the following reference for a quick guide to understanding Industrial cables:

PUR cables are made using a Polyurethane jacket. They are tough, flexible, and resilient. This material can be stretched, smashed or scratched while remaining fairly indestructible. It can also be deformed over and over again and return to its original shape.

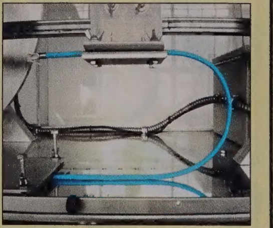
FR-TPE means Flame-retardant Thermoplastic Elastomer. It is a material similar to PUR that is strong when struck, hard if scratched and is resistant to various forms of chemical corrosion. It makes an excellent dense and protective jacket while remaining highly flexible.

Halogen-free cables, as the name implies, are free of harmful halogens if burned. This protects valuable equipment and resources from the potentially harmful toxic or acidic smoke that can be found in other cable jackets.

Oil Resistant cables are made from materials that will not corrode or breakdown when exposed to most chemicals and oils found in an industrial environment.

UV Resistant cables are resistant to ultraviolet light and sunlight, as such, they will not weaken, be destroyed by or faded by light exposure.

Hi-Flex cables utilize a combination of flexible jackets with specialized stranded conductors which allow the cables to be flexed over and over again, literally millions of times, before the performance of the cable will suffer.



An Industrial Bulk Cable Undergoing Flex Testing

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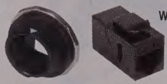
L-com® Global Connectivity

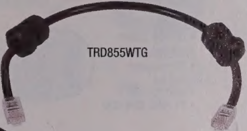
WT6788D
Front and Rear View

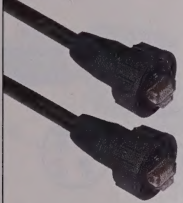
WT6788FS
Front and Rear View

WT6700FM
Front and Rear View

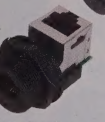

WT67KC5FM

WT671105RM


TRD855WTG


TRD5WP-1

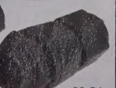
WPRJ-FTCAT5E


WPRJ-FTRACAT5E

WPRJ-110CAT5E

CG-CRJ

CG-DRJ

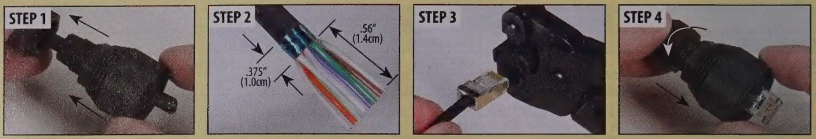

CG-RJ

☑RoHS Ruggedized IP67 Rated RJ45 Ethernet Plug Kit

Installing Ethernet in harsh environments has never been easier. This IP67 rated plug housing is available for use with either shielded or non-shielded connections. A gasket seal keeps out unwanted contaminants and moisture. The optional flexible strain relief controls the bend radius of the cable. Call today to discuss your application with us!

Item #	Description	1-9	10-24	25-99	100-249	250-499
WT6788D	Non-Shielded Dome Style	19.95	19.15	18.35	17.56	16.76
WT6788F	Non-Shielded Flex Style	19.95	19.15	18.35	17.56	16.76
WT6788DS	Shielded Dome Style	22.95	22.03	21.11	20.20	19.28
WT6788FS	Shielded Flex Style	22.95	22.03	21.11	20.20	19.28
TSP4088C5	Replacement RJ45 Non-Shielded Plugs, Pkg/50	29.95	27.55	25.16	22.76	CALL
TSP4088C5S	Replacement RJ45 Shielded Plugs, Pkg/50	49.95	45.95	41.96	37.96	CALL

Tip *Easily attach a field installable plug*



STEP 1: Slide compression nut, coupling and plug housing onto cable.

STEP 2: Strip and prepare conductors for crimping. Trim to .56" (1.4cm).

STEP 3: Install plug and crimp.

STEP 4: Slide crimped connector into place and tighten compression nut.

☑RoHS Ruggedized IP67 Rated Keystone Flange Adapter Kits

Pass your Ethernet connections through a panel while still maintaining an IP67 rated seal. These receptacle kits consist of an IP67 rated flange adapter and industry standard keystone jacks and couplers. Don't see the combination you need? Call today and we'll help you find the right connection system for your application.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WT6700FM	Front Mount Empty	17.95	17.23	16.51	15.80	15.08
WT6700RM	Rear Mount Empty	17.95	17.23	16.51	15.80	15.08
WT67KC5FM	Front Mount C5E Coupler	24.95	23.95	22.95	21.96	20.96
WT67KC5RM	Rear Mount C5E Coupler	24.95	23.95	22.95	21.96	20.96
WT671105FM	Front Mount C5E IDC 110 Jack	19.95	19.15	18.35	17.56	16.76
WT671105RM	Rear Mount C5E IDC 110 Jack	19.95	19.15	18.35	17.56	16.76

☑RoHS Protective Covers for WT67 Series Plugs and Jacks

Maintain the IP67 rating for all open plugs and jacks with these covers. These caps are specifically designed to fit the WT67 series jacks and plugs. When a cable is connected, just attach a cap over the expose connection and the seal is maintained.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WT67RC	IP67 Jack Cover for Female Receptacles	5.95	5.71	5.47	5.24	5.00
WT67RCT	IP67 Jack Cover for Female Receptacles with Tether	12.95	12.69	12.43	12.17	11.91
WT67PC	IP67 Jack Cover for Male Plug Kits	6.95	6.67	6.39	6.12	5.84
WT67PCT	IP67 Jack Cover for Male Plug Kits with Tether	12.95	12.69	12.43	12.17	11.91

☑RoHS Category 5E Outdoor Cables with Weather Tight Grommet

Protect Ethernet cable runs outside with L-com's Outdoor Category 5E rated cable. The Gel-filled jacket provides moisture protection when used in an outdoor environment. The built in feed-thru grommet allows the cable to pass through an enclosure while maintaining a watertight seal. With the UV protected jacket, outdoor cable runs are protected from damage caused by sunlight exposure. The cable is EIA568 color-coded for compatibility with standard installations and features solid conductors for termination into standard IDC connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TRD855WTG-5	Category 5E Outdoor Patch Cable with Weathertight Grommets, 5.0ft (1.5m)	41.75	39.24	36.74	34.23	31.73
TRD855WTG-10	Category 5E Outdoor Patch Cable with Weathertight Grommets, 10.0ft (3.0m)	44.75	42.06	39.38	36.70	34.01
TRD855WTG-25	Category 5E Outdoor Patch Cable with Weathertight Grommets, 25.0ft (7.6m)	53.75	50.52	47.30	44.08	40.85
TRD855WTG-50	Category 5E Outdoor Patch Cable with Weathertight Grommets, 50.0ft (15.2m)	68.75	64.63	60.50	56.38	52.25
TRD855WTG-100	Category 5E Outdoor Patch Cable with Weathertight Grommets, 100.0ft (30.5m)	98.75	92.82	86.90	80.98	75.05

☑RoHS IP67 RJ45 to RJ45 Cable Assemblies

L-com's IP67 RJ45 Industrial Ethernet cables are perfect for all your harsh environment networking applications where moisture and dust are prevalent. These IP67 RJ45 cables feature gasketed IP67 plugs and PUR jackets which are UV and chemical resistant. Additionally these cables feature shielded cable to reduce EMI/RFI.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TRD5WP-1	IP67 RJ45 to IP67 RJ45,PUR Jacket 1.0m	32.00	30.08	28.16	26.24	24.32
TRD5WP-2	IP67 RJ45 to IP67 RJ45,PUR Jacket 2.0m	36.00	33.84	31.68	29.52	27.36
TRD5WP-3	IP67 RJ45 to IP67 RJ45,PUR Jacket 3.0m	40.00	37.60	35.20	32.80	30.40
TRD5WP-5	IP67 RJ45 to IP67 RJ45,PUR Jacket 5.0m	48.00	45.12	42.24	39.36	36.48
TRD5WP-10	IP67 RJ45 to IP67 RJ45,PUR Jacket 10.0m	66.00	62.04	58.08	54.12	50.16

☑RoHS IP67 Panel Mount RJ45 Couplers

L-com offers IP67 rated panel mount RJ45 feed-through and 110 punch down couplers for all your demanding Industrial Ethernet applications. These robust IP67 RJ45 panel mount couplers are constructed of ABS 94V-0 plastic and feature gaskets to keep dust and moisture out. These IP67 RJ45 panel mount couplers are designed for a maximum panel thickness of 2.8mm.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPRJ-110CAT5E	IP67 Panel Mount RJ45 Coupler, 110 Punch Down, Shielded	19.95	17.95	15.96	13.96	CALL
WPRJ-FTCAT5E	IP67 Panel Mount RJ45 Coupler, Feed-Thru, Shielded	18.95	17.05	15.16	13.26	CALL
WPRJ-FTRACAT5E	IP67 Panel Mount RJ45 Coupler, Feed-Thru Right Angle, Shielded	19.95	17.95	15.96	13.96	CALL

☑RoHS IP67 Rated RJ45 Cable Glands

L-com offers a versatile solution for running RJ45 connections into enclosures and panels. The CG-XX series feature EPDM rubber gaskets to keep moisture and dust out of your critical LAN connections. These cable glands can be used for wired LAN applications as well as WiFi wireless installations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CG-CRJ	IP67 RJ45 Feed-Through Cable Gland with 14.5" (36.8cm) Pigtail	8.95	8.77	8.59	8.41	8.23
CG-RJ	IP67 RJ45 Feed-Through Cable Gland, One Way Style	6.95	6.81	6.67	6.53	6.39
CG-DRJ	IP67 RJ45 Feed-Through Cable Gland, Two Way Style	8.95	8.77	8.59	8.41	8.23

> "I placed an order today, and it truly was one of the best customer service experiences I have had in years. I dealt with two customer service people and one IT person. They all took the time to find answers to my questions. You are lucky to have people working for you that make customers feel good about your service." - Matthew Scanlon, University of Kansas Medical Center

☑RoHS Flat Silver Satin Modular Cable - Plug to Tinned Wires

Silver satin flat modular cords with one modular plug and pre-tinned wires. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDC019-1	Flat Modular Cable, RJ11 (6x4) / Tinned End, 1.0ft (0.3m)	1.75	1.71	1.65	1.54	1.31
TDC019-2	Flat Modular Cable, RJ11 (6x4) / Tinned End, 2.0ft (0.7m)	1.95	1.91	1.83	1.72	1.46
TDC019-7	Flat Modular Cable, RJ11 (6x4) / Tinned End, 7.0ft (2.1m)	2.25	2.21	2.11	1.98	1.69
TDC029-1	Flat Modular Cable, RJ12 (6x6) / Tinned End, 1.0ft (0.3m)	2.50	2.45	2.35	2.20	1.88
TDC029-2	Flat Modular Cable, RJ12 (6x6) / Tinned End, 2.0ft (0.7m)	2.75	2.69	2.59	2.42	2.06
TDC029-7	Flat Modular Cable, RJ12 (6x6) / Tinned End, 7.0ft (2.1m)	3.50	3.43	3.29	3.08	2.63
TDC029-14	Flat Modular Cable, RJ12 (6x6) / Tinned End, 14.0ft (4.3m)	5.00	4.90	4.70	4.40	3.75
TDC005-1	Flat Modular Cable, RJ45 (8x8) / Tinned End, 1.0ft (0.3m)	3.00	2.94	2.82	2.64	2.25
TDC005-2	Flat Modular Cable, RJ45 (8x8) / Tinned End, 2.0ft (0.7m)	3.25	3.19	3.05	2.86	2.44
TDC005-7	Flat Modular Cable, RJ45 (8x8) / Tinned End, 7.0ft (2.1m)	4.50	4.41	4.23	3.96	3.38
TDC005-14	Flat Modular Cable, RJ45 (8x8) / Tinned End, 14.0ft (4.3m)	6.25	6.13	5.88	5.50	4.69

☑RoHS Flat Silver Satin Modular Cable - Plug to Spade Lugs

Silver satin flat modular cords with one modular plug and uninsulated spade lugs. Great for terminating to screw terminals. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDC018-1	Flat Modular Cable, RJ11 (6x4) / Spade Lug, 1.0ft (0.3m)	1.75	1.71	1.65	1.54	1.31
TDC018-2	Flat Modular Cable, RJ11 (6x4) / Spade Lug, 2.0ft (0.7m)	1.95	1.91	1.83	1.72	1.46
TDC018-7	Flat Modular Cable, RJ11 (6x4) / Spade Lug, 7.0ft (2.1m)	2.25	2.21	2.11	1.98	1.69
TDC018-14	Flat Modular Cable, RJ11 (6x4) / Spade Lug, 14.0ft (4.3m)	3.25	3.19	3.05	2.86	2.44
TDC028-1	Flat Modular Cable, RJ12 (6x6) / Spade Lug, 1.0ft (0.3m)	2.50	2.45	2.35	2.20	1.88
TDC028-2	Flat Modular Cable, RJ12 (6x6) / Spade Lug, 2.0ft (0.7m)	2.75	2.69	2.59	2.42	2.06
TDC028-7	Flat Modular Cable, RJ12 (6x6) / Spade Lug, 7.0ft (2.1m)	3.75	3.67	3.52	3.30	2.81
TDC028-14	Flat Modular Cable, RJ12 (6x6) / Spade Lug, 14.0ft (4.3m)	5.00	4.90	4.70	4.40	3.75
TDC004-1	Flat Modular Cable, RJ45 (8x8) / Spade Lug, 1.0ft (0.3m)	3.00	2.94	2.82	2.64	2.25
TDC004-2	Flat Modular Cable, RJ45 (8x8) / Spade Lug, 2.0ft (0.7m)	3.25	3.19	3.05	2.86	2.44
TDC004-7	Flat Modular Cable, RJ45 (8x8) / Spade Lug, 7.0ft (2.1m)	4.50	4.41	4.23	3.96	3.38

☑RoHS Flat Silver Satin Modular Cable - Plug to Plug, Straight-thru Wiring

Silver satin flat modular cords with two modular plugs. Wired straight-thru (1-1, 2-2, 3-3…) for most low speed data applications. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDC301	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 1.0ft (0.3m)	1.75	1.71	1.65	1.54	1.31
TDC302	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 2.0ft (0.7m)	1.95	1.91	1.83	1.72	1.46
TDC303	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 3.0ft (0.9m)	2.00	1.96	1.88	1.76	1.50
TDC305	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 5.0ft (1.5m)	2.15	2.11	2.02	1.89	1.61
TDC307	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 7.0ft (2.1m)	2.25	2.21	2.11	1.98	1.69
TDC314	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 14.0ft (4.3m)	3.25	3.19	3.05	2.86	2.44
TDC325	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 25.0ft (7.6m)	4.75	4.66	4.46	4.18	3.56
TDC057-2	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 2.0ft (0.7m)	2.75	2.69	2.59	2.42	2.06
TDC057-7	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 7.0ft (2.1m)	3.75	3.67	3.52	3.30	2.81
TDC057-14	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 14.0ft (4.3m)	5.00	4.90	4.70	4.40	3.75
TDC057-25	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 25.0ft (7.6m)	7.00	6.86	6.58	6.16	5.25
TDC057-50	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 50.0ft (15.2m)	11.50	11.27	10.81	10.12	8.63
TDC053-2	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 2.0ft (0.7m)	3.00	2.94	2.82	2.64	2.25
TDC053-7	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 7.0ft (2.1m)	4.50	4.41	4.23	3.96	3.38
TDC053-14	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 14.0ft (4.3m)	6.25	6.13	5.88	5.50	4.69
TDC053-25	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 25.0ft (7.6m)	9.00	8.82	8.46	7.92	6.75
TDC053-50	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 50.0ft (15.2m)	15.25	14.95	14.33	13.42	11.44
TDC053-100	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 100.0ft (30.5m)	28.00	27.44	26.32	24.64	21.00

☑RoHS Flat Silver Satin Modular Cable - Plug to Plug, Crossed Wiring

Silver satin flat modular cords with two modular plugs. Crossed wires for many voice applications. Choose four conductor (RJ11), six conductor (RJ12) or eight conductor (RJ45).

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDC207	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 7.0ft (2.1m)	2.25	2.21	2.11	1.98	1.69
TDC214	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 14.0ft (4.3m)	3.25	3.19	3.05	2.86	2.44
TDC225	Flat Modular Cable, RJ11 (6x4) / RJ11 (6x4), 25.0ft (7.6m)	4.50	4.41	4.23	3.96	3.38
TDC027-2	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 2.0ft (0.7m)	2.75	2.69	2.59	2.42	2.06
TDC027-7	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 7.0ft (2.1m)	3.75	3.67	3.52	3.30	2.81
TDC027-14	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 14.0ft (4.3m)	5.00	4.90	4.70	4.40	3.75
TDC027-25	Flat Modular Cable, RJ12 (6x6) / RJ12 (6x6), 25.0ft (7.6m)	7.00	6.86	6.58	6.16	5.25
TDC003-2	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 2.0ft (0.7m)	3.25	3.19	3.05	2.86	2.44
TDC003-7	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 7.0ft (2.1m)	4.50	4.41	4.23	3.96	3.38
TDC003-14	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 14.0ft (4.3m)	6.25	6.13	5.88	5.50	4.69
TDC003-25	Flat Modular Cable, RJ45 (8x8) / RJ45 (8x8), 25.0ft (7.6m)	9.00	8.82	8.46	7.92	6.75

Flat Silver Satin Modular Cable - DEC Plug to DEC Plug, Crossed Wiring

Special silver satin flat modular cords for DEC applications. Assemblies utilize 6 position modified modular plugs with offset connectors. Cross wired.

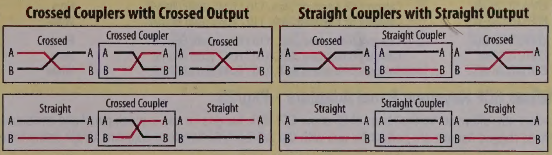
Item #	Description	1-9	10-24	25-99	100-249	250-499
TDC067-7D	Flat Modular Cable, RJ12 (6x6MMJ) / RJ12 (6x6MMJ), 7.0ft (2.1m)	7.99	7.83	7.67	7.51	7.35
TDC067-14D	Flat Modular Cable, RJ12 (6x6MMJ) / RJ12 (6x6MMJ), 14.0ft (4.3m)	8.99	8.81	8.63	8.45	8.27

Tip

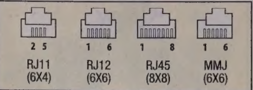
What is the difference between straight-thru and cross pinning?

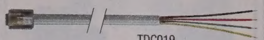
Straight-thru means each contact is straight pinned to its respective contact (1-1, 2-2, 3-3, etc.). Crossed pinning means contacts are pinned through to the opposite contact. Example: on an 8 position RJ45: 1-8, 2-7, 3-6, etc.

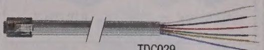
When using a coupler between two patch cords it is important to choose the correct type. As the diagrams illustrate, if the desired pinning from end to end is crossed then the coupler and cables must be crossed. For straight pinning, all cables and couplers must be straight-thru type.


Crossed Couplers with Crossed Output

Straight Couplers with Straight Output




TDC019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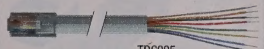
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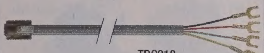
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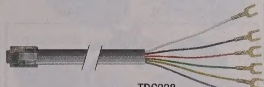
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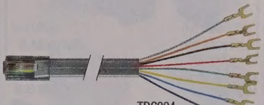
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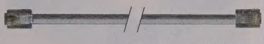
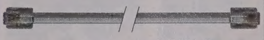

TDC301 STRAIGHT-THRU

TDC057 STRAIGHT-THRU

TDC053 STRAIGHT-THRU


TDC207 CROSSED

TDC027 CROSSED

TDC003 CROSSED

TDC067 CROSSED

Bulk Flat Cable can be found on page 71.

Custom design and manufacturing capabilities
Our product design process takes you from concept to production. L-com.com/Custom

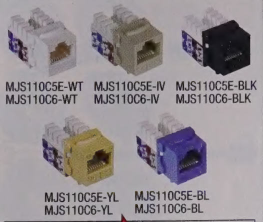
New

RJTLC5E-WT
RJTLC6-WT

RJTLC5E-IV
RJTLC6-IV

RJTLC5E-BLK
RJTLC6-BLK

RJTLC6A-S


MJS110C5E-WT
MJS110C6-WT

MJS110C5E-IV
MJS110C6-IV

MJS110C5E-BLK
MJS110C6-BLK

MJS110C5E-YL
MJS110C6-YL

MJS110C5E-BL
MJS110C6-BL

New

RJ110C6A-GRY

RJ110C6A-S

MJS110C5E-S
MJS110C6-S

ECF110C5E-BLK
ECF110C6-BLK

ECF110C5E-BL
ECF110C6-BL

ECF110C5E-IV
ECF110C6-IV

ECF110C5E-WT
ECF110C6-WT

ECF110C5E-YL
ECF110C6-YL

ECF110C5E-S
ECF110C6-S

New

ECFRJTLC5E-BLK
ECFRJTLC6-BLK

ECFRJTLC5E-IV
ECFRJTLC6-IV

ECFRJTLC5E-WT
ECFRJTLC6-WT

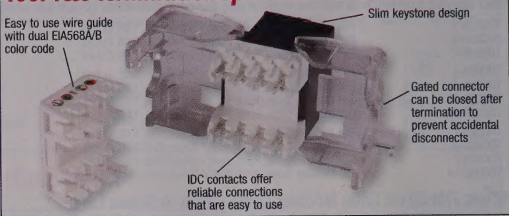
ECF-SK-25

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499

L-com's Tool-less Jack Series

For the best performance with a unique IDC connection that is easy to use and reliable, L-com's tool-less jacks are the answer. An easy to use wire guide makes it effortless for users to terminate their conductors securely. The wire guide acts like a punch tool to press the conductors into place. It is also conveniently labeled with both EIA568A and B color codes for universal usage in all network installations. Each connector is gated so users can be sure the conductors are securely locked into the jack and to prevent accidental disconnects. Each jack is intelligently designed into a compact and efficient body. Jacks are also available with a flanged connector for installation in panels too thick for a standard keystone.

Tool-less termination speeds installations


Easy to use wire guide with dual EIA568A/B color code
Slim keystone design
Gated connector can be closed after termination to prevent accidental disconnects
IDC contacts offer reliable connections that are easy to use

☑RoHS Category 5E - Tool-less Keystone Jacks

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
RJTLC5E-WT	Category 5E Tool-less Keystone Jack, RJ45 (8x8) 568A/B	White	4.95	4.46	3.96	3.46	2.97
RJTLC5E-IV	Category 5E Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Ivory	4.95	4.46	3.96	3.46	2.97
RJTLC5E-BLK	Category 5E Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Black	4.95	4.46	3.96	3.46	2.97

☑RoHS Category 6 - Tool-less Keystone Jacks

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
RJTLC6-WT	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	White	5.95	5.36	4.76	4.17	3.57
RJTLC6-IV	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Ivory	5.95	5.36	4.76	4.17	3.57
RJTLC6-BLK	Category 6 Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Black	5.95	5.36	4.76	4.17	3.57

☑RoHS Shielded Category 6A - Tool-less Jack

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
RJTLC6A-S	Shielded Category 6A Tool-less Keystone Jack, RJ45 (8x8) 568A/B	Silver	14.95	13.75	12.56	11.36	10.17

☑RoHS Category 5E, 6 and 6A - 110 Keystone Jacks - 90 Degree Style

L-com's keystone 110 punch down style connectors offer users simple installation via the popular 110 punch down style connecting system. Each jack is color coded for the EIA/TIA568 A and B standards.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MJS110C5E-WT	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	2.95	2.66	2.36	2.06	1.77
MJS110C5E-IV	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	2.95	2.66	2.36	2.06	1.77
MJS110C5E-BLK	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	2.95	2.66	2.36	2.06	1.77
MJS110C5E-YL	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Yellow	2.95	2.66	2.36	2.06	1.77
MJS110C5E-BL	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Blue	2.95	2.66	2.36	2.06	1.77
MJS110C6-WT	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	3.95	3.56	3.16	2.77	2.37
MJS110C6-IV	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	3.95	3.56	3.16	2.77	2.37
MJS110C6-BLK	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	3.95	3.56	3.16	2.77	2.37
MJS110C6-YL	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Yellow	3.95	3.56	3.16	2.77	2.37
MJS110C6-BL	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Blue	3.95	3.56	3.16	2.77	2.37
RJ110C6A-GRY	Category 6A Keystone Jack, 110 / RJ45 (8x8) 568A/B	Gray	11.95	10.99	10.04	9.08	8.13

☑RoHS Shielded Category 5E, 6 and 6A Jacks

L-com's shielded modular jacks offer users a complete solution to EMI/RFI problems. By utilizing fully shielded jacks and connecting hardware, users can reduce the effects of interference on the network data transmissions. All jacks feature 110-style punch down connections for fast and easy termination.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MJS110C5E-S	Shielded Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Silver	4.95	4.46	3.96	3.46	2.97
MJS110C6-S	Shielded Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Silver	5.95	5.36	4.76	4.17	3.57
RJ110C6A-S	Shielded Category 6A Keystone Jack, 110 / RJ45 (8x8) 568A/B	Silver	13.95	12.83	11.72	10.60	9.49

☑RoHS Category 5E and Category 6 Keystone Jack Kits - 110/RJ45 EIA568A/B

These unique panel mount RJ45 connector kits allow keystone style 110 IDC connectors to be mounted into panels thicker than 0.062". Packaged as a kit, including the flange, two 4-40 screws, and one RJ45 Cat 5E or Cat 6 jack.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF110C5E-BLK	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	5.95	5.83	5.59	5.24	4.46
ECF110C5E-BL	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Blue	5.95	5.83	5.59	5.24	4.46
ECF110C5E-IV	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	5.95	5.83	5.59	5.24	4.46
ECF110C5E-WT	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	5.95	5.83	5.59	5.24	4.46
ECF110C5E-YL	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Yellow	5.95	5.83	5.59	5.24	4.46
ECF110C5E-S	Shielded Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Silver	6.95	6.81	6.53	6.12	5.21
ECF110C6-BLK	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	7.95	7.79	7.47	7.00	5.96
ECF110C6-BL	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Blue	7.95	7.79	7.47	7.00	5.96
ECF110C6-IV	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	7.95	7.79	7.47	7.00	5.96
ECF110C6-WT	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	7.95	7.79	7.47	7.00	5.96
ECF110C6-YL	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Yellow	7.95	7.79	7.47	7.00	5.96
ECF110C6-S	Shielded Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Silver	8.95	8.77	8.41	7.88	6.71

☑RoHS Category 5E and Category 6 Tool-less Keystone Jack Kits - RJ45 EIA568A/B

The ECFRJTL series of panel mount RJ45 connector kits allow L-com's tool-less RJ45 keystone connectors to mount into panels thicker than 0.062". Packaged as a kit, including the flange, two 4-40 screws, and one RJ45 Cat 5E or Cat 6 jack.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECFRJTLC5E-BLK	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	8.95	8.05	7.16	6.26	5.37
ECFRJTLC5E-IV	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	8.95	8.05	7.16	6.26	5.37
ECFRJTLC5E-WT	Category 5E Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	8.95	8.05	7.16	6.26	5.37
ECFRJTLC6-BLK	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	9.95	8.96	7.96	6.96	5.97
ECFRJTLC6-IV	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	9.95	8.96	7.96	6.96	5.97
ECFRJTLC6-WT	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	9.95	8.96	7.96	6.96	5.97

☑RoHS ECF Keystone Panel Adapters - Pkg/25

L-com now offers convenient bags of 25 of our ECF style flanges for use in patch panel and enclosure designs which require L-com's unique ECF flanges. These rugged flanges are perfect for use with Cat 3/5/5e/6/6a keystone couplers. Order online today.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF-SK-25	ECF Keystone Panel Adapter Kit, Pkg/25	Silver	24.95	24.45	23.95	23.45	22.95

L-com® Global Connectivity

Same day shipping
Orders placed before 4:00 EST
ship the same day.

RoHS Category 3 RJ12 110 Keystone Jacks - Telephone and Data Applications

L-com's keystone Category 3 110 punch style connectors offer an economical choice with the popular 110-punch style connection system. Each jack is color coded for both the EIA and USOC standards for compatibility with any installation. Jacks are available in two colors to fit individual installations. Large volume quotations are available for installers and contractors looking to save money. Contact us today.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MJS110RJ12-IV	Category 3 RJ12 IDC Keystone Jack	Ivory	1.95	1.75	1.56	1.37	1.17
MJS110RJ12-WT	Category 3 RJ12 IDC Keystone Jack	White	1.95	1.75	1.56	1.37	1.17

Premium Category 6 RJ45 - 110 Keystone Jack - 90 Degree Style

Hellermann-Tyton's Gigaband™ Category 6 modular jack is designed to "future proof" installations. Its patented design uses innovative crosstalk cancellation technology. The performance of the Gigaband system exceeds Category 6 and Class E requirements. These jacks will easily support emerging applications such as Gigabit Ethernet and 622 Mbps ATM. The 90° design has the 110 connectors at right angles to the modular plug. Comes in colors of Black, Blue, Office White, Green, Gray, Ivory, Orange, Red, Violet, White and Yellow.

Category 6 Keystone Jack, 110/RJ45 (8x8), EIA568A/B

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UJ110C6-BLK	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Black	7.95	7.63	7.31	7.00	CALL
UJ110C6-BLU	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Blue	7.95	7.63	7.31	7.00	CALL
UJ110C6-FW	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Office White	7.95	7.63	7.31	7.00	CALL
UJ110C6-GRN	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Green	7.95	7.63	7.31	7.00	CALL
UJ110C6-GRY	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Gray	7.95	7.63	7.31	7.00	CALL
UJ110C6-I	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Ivory	7.95	7.63	7.31	7.00	CALL
UJ110C6-ORN	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Orange	7.95	7.63	7.31	7.00	CALL
UJ110C6-RED	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Red	7.95	7.63	7.31	7.00	CALL
UJ110C6-VIO	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Violet	7.95	7.63	7.31	7.00	CALL
UJ110C6-W	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	White	7.95	7.63	7.31	7.00	CALL
UJ110C6-YEL	Category 6 Keystone Jack, 110 / RJ45 (8x8) 568A/B	Yellow	7.95	7.63	7.31	7.00	CALL

Premium Category 5E RJ45 - 110 Keystone Jack - 90 Degree Style

Hellermann-Tyton Megaband™ Category 5E flush modular jacks are designed to meet the needs of end users and installers. These jacks will support Gigabit Ethernet and 622 Mbps ATM applications.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UJ110C5E-BLK	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Black	5.95	5.71	5.47	5.24	CALL
UJ110C5E-BLU	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Blue	5.95	5.71	5.47	5.24	CALL
UJ110C5E-BRN	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Brown	5.95	5.71	5.47	5.24	CALL
UJ110C5E-FW	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Office White	5.95	5.71	5.47	5.24	CALL
UJ110C5E-GRN	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Green	5.95	5.71	5.47	5.24	CALL
UJ110C5E-GRY	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Gray	5.95	5.71	5.47	5.24	CALL
UJ110C5E-I	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Ivory	5.95	5.71	5.47	5.24	CALL
UJ110C5E-ORN	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Orange	5.95	5.71	5.47	5.24	CALL
UJ110C5E-RED	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Red	5.95	5.71	5.47	5.24	CALL
UJ110C5E-W	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	White	5.95	5.71	5.47	5.24	CALL
UJ110C5E-YEL	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Yellow	5.95	5.71	5.47	5.24	CALL

RoHS Category 6A RJ45 - 110 Keystone Jack - Traditional 180 Degree Style

L-com now offers the latest in Ethernet technology in the Category 6A standard. With network speeds up to 10 Gigabit, video and large file transfers are a breeze. These IDC 110 jacks are easy to assemble and the popular Keystone mount design is compatible with many different wall plates. Build your network with the fastest network technology available today!

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
RJ110C6A-90-GRY	Category 6A Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Gray	11.95	10.99	10.04	9.08	8.13

Category 5E RJ45 - 110 Keystone Jack - Traditional 180 Degree Style

The traditional 180° design has the 110 connectors parallel to the modular plug entry. This jack comes in Ivory and is EIA568A/B dual color coded.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
RJ110C5B-I	Category 5E Keystone Jack, 110 / RJ45 (8x8) EIA568A/B	Ivory	5.95	5.83	5.71	5.59	5.47

RoHS 10 Position Category 5 and USOC - 110 IDC Keystone Jacks - Traditional 180 Degree Style

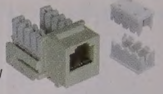
These 10 position 10 contact keystone style jacks are an ideal solution in applications where additional contacts are required. The traditional 180° design has the 110 connectors parallel to the modular plug entry. Category 5 version is dual color coded, compatible with EIA568A and B wiring with position 1 and 10 populated.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
EC1107B-USOC	Keystone IDC - 10P10C Jack, USOC	Black	6.95	6.67	6.39	6.12	CALL
EC1107B-10C5	Keystone IDC - 10P10C Jack, Cat. 5-568A/B	Black	6.95	6.67	6.39	6.12	CALL

RoHS Miscellaneous Keystone Jacks - Coaxial, Fiber and Audio/Video Couplers

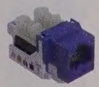
Add more than just data and telephone connections to workstation outlets. L-com features audio, video, fiber and RF adapters designed to fit our wall plate systems.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MJSCPF-WT	Keystone Coaxial Type F Coupler Insert	White	1.45	1.30	1.16	1.01	0.87
MJSCPRCA-WT	Keystone RCA Coupler Insert	White	2.45	2.21	1.96	1.72	1.47
MJSCPSC-WT	Keystone Fiber SC Coupler Insert	White	5.95	5.36	4.76	4.17	3.57
MJSCPST-WT	Keystone Fiber ST Coupler Insert	White	5.95	5.36	4.76	4.17	3.57
MJSCVR-WT	Keystone Blank Insert	White	0.35	0.34	0.32	0.31	0.29
MJSCPF-IV	Keystone Coaxial Type F Coupler Insert	Ivory	1.45	1.30	1.16	1.01	0.87
MJSCPRCA-IV	Keystone RCA Coupler Insert	Ivory	2.45	2.21	1.96	1.72	1.47
MJSCPBNC-IV	Keystone BNC Coupler Insert	Ivory	3.49	3.21	2.93	2.65	2.37
MJSCPSC-IV	Keystone Fiber SC Coupler Insert	Ivory	5.95	5.36	4.76	4.17	3.57
MJSCPST-IV	Keystone Fiber ST Coupler Insert	Ivory	5.95	5.36	4.76	4.17	3.57
MJSCVR-IV	Keystone Blank Insert	Ivory	0.35	0.34	0.32	0.31	0.29


MJS110RJ12-IV

MJS110RJ12-WT

UJ110C6-BLK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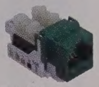
UJ110C6-FW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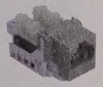
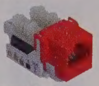

UJ110C6-GRY

UJ110C6-I

UJ110C6-ORN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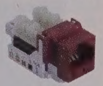
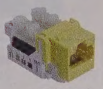

UJ110C6-VIO

UJ110C6-W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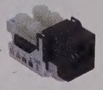
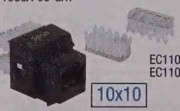

UJ110C5E-BLK

UJ110C5E-I

RJ110C6A-90-GRY

RJ110C5B-I



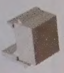
EC1107B-USOC
EC1107B-10C5

MJSCPF-WT

MJSCPRCA-WT

MJSCPSC-IV

MJSCPST-IV


MJSCVR-IV

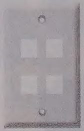
Free access to over 3,000 CAD models
Download CAD models and 2D drawings for integrating into your projects. L-com.com/CadDemo

L-com® Global Connectivity

MWP101K-WT

MWP102K-WT

MWP103K-WT


MWP104K-WT

MWP106K-WT

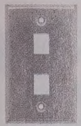
MWP101K-IV

MWP102K-IV

MWP103K-IV

MWP106K-IV

ECP001


ECP002

New

MWP401K-WT

MWP402K-WT

MWP403K-WT

MWP404K-WT

Close-up of Shutter Door

Medical Grade

Meets IEC 6060-1
Medical Device
Safety Standards

6000687-L

6000693-L

RoHS Flush Mount Wall Plates that Accept Keystone Jacks

The flush mount wall plate series offers a choice of keystone port options for users to configure each workstation outlet for individual needs. These wall plates come in a choice of White or Ivory and can accept up to six keystone inserts.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MWP101K-WT	Flush Wall Plate for 1 Keystone Jack	White	1.59	1.43	1.27	1.11	0.95
MWP102K-WT	Flush Wall Plate for 2 Keystone Jacks	White	1.59	1.43	1.27	1.11	0.95
MWP103K-WT	Flush Wall Plate for 3 Keystone Jacks	White	1.59	1.43	1.27	1.11	0.95
MWP104K-WT	Flush Wall Plate for 4 Keystone Jacks	White	1.59	1.43	1.27	1.11	0.95
MWP106K-WT	Flush Wall Plate for 6 Keystone Jacks	White	1.59	1.43	1.27	1.11	0.95
MWP101K-IV	Flush Wall Plate for 1 Keystone Jack	Ivory	1.59	1.43	1.27	1.11	0.95
MWP102K-IV	Flush Wall Plate for 2 Keystone Jacks	Ivory	1.59	1.43	1.27	1.11	0.95
MWP103K-IV	Flush Wall Plate for 3 Keystone Jacks	Ivory	1.59	1.43	1.27	1.11	0.95
MWP106K-IV	Flush Wall Plate for 6 Keystone Jacks	Ivory	1.59	1.43	1.27	1.11	0.95

RoHS Stainless Wall Plates for Usage in High EMI/RFI Environments or Medical Applications

These stainless wall plates offer users a clean finish for information outlets in environments where traditional plastic wall plates are not suitable.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECP001	Stainless Wall Plate for 1 Keystone Jack	Silver	1.95	1.87	1.79	1.72	1.64
ECP002	Stainless Wall Plate for 2 Keystone Jacks	Silver	1.95	1.87	1.79	1.72	1.64

RoHS Flush Mount Wall Plates with Shutter Doors

For a professional look to any installation select L-com's Keystone wall plates. The flush mount design maintains a low profile with the wall and the integrated shutter door prevents dust/debris from getting into the ports. They are available in a choice of keystone port options for you to configure each workstation outlet for individual needs. We stock large quantities of plates that can accept up to four keystone inserts. Contact us for your next project.

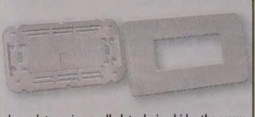
- Flush mount Keystone wall plates with a smooth gloss finish
- Integrated shutter prevents dust and debris from entering the port
- No visible mounting hardware for a clean finished look
- Available with up to 4 Keystone ports
- Contractor quotations welcome for large quantities or custom colors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MWP401K-WT	Flush Mount Wall Plate for 1 Keystone Jack	White	2.95	2.89	2.77	2.60	2.21
MWP402K-WT	Flush Mount Wall Plate for 2 Keystone Jacks	White	3.19	3.13	3.00	2.81	2.39
MWP403K-WT	Flush Mount Wall Plate for 3 Keystone Jacks	White	3.49	3.42	3.28	3.07	2.62
MWP404K-WT	Flush Mount Wall Plate for 4 Keystone Jacks	White	3.59	3.52	3.37	3.16	2.69

How to easily panel mount a Keystone style connector

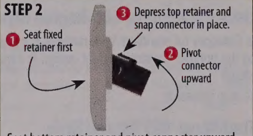
Keystone style refers to the snap-in mounting mechanism that many manufacturers have adopted. It is simple, requires no tools and is easily removable.

STEP 1



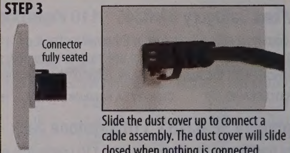
L-com's two piece wall plate design hides the screw holes from view to provide a sleek, clean display.

STEP 2


③ Depress top retainer and snap connector in place.
① Seat fixed retainer first
② Pivot connector upward

Seat bottom retainer and pivot connector upward while depressing upper retainer.

STEP 3



Slide the dust cover up to connect a cable assembly. The dust cover will slide closed when nothing is connected.

Item #	Description	Color	List Price

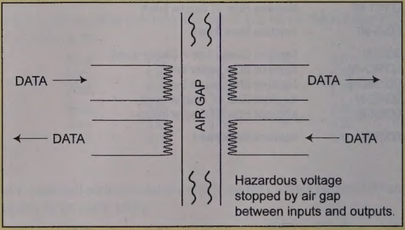
RoHS L-com Isolator Wall Plates for 10/100 and 10/100/1000 Ethernet Networks

L-com's Ethernet Isolator wall plates are fully self-contained devices that protect valuable network equipment from damaging surges and power anomalies that commonly occur across network cabling. Operation and installation is quick and easy. Simply plug these devices in-line between the cabling behind the wall and the patch cable that normally attaches the equipment to the network. Choose from models that support 10/100 Mbps or 10/100/1000 Mbps data rates. These isolators are available in Stainless Steel or Beige High Impact ABS Plastic. Each unit is fully RoHS compliant and has been certified to meet the IEC 6060-1 Medical Device Safety Standard making them ideal for hospital and medical laboratory environments.

Item #	Description	Color	List Price
6000687-L	10/100/1000 Base-T Ethernet Data Isolator, Stainless	Silver	142.59
6000689-L	10/100/1000 Base-T Ethernet Data Isolator, Plastic	Ivory	139.00
6000691-L	10/100 Base-T Ethernet Data Isolator, Stainless	Silver	104.99
6000693-L	10/100 Base-T Ethernet Data Isolator, Plastic	Ivory	99.99

Tip *How isolation works*

Isolators place a physical barrier between your computer or other device and the network cables that are attached to it. Only data can travel across this barrier through the coupling of magnetic fields. Hazardous voltages and ground potential differences are blocked. Surge suppressors don't electrically separate the connected equipment - they use special components to limit the energy that can travel through a data connection. Isolators eliminate the wire connections that surge suppressors don't.


DATA →
← DATA
AIR GAP
DATA →
← DATA
Hazardous voltage stopped by air gap between inputs and outputs.

How to install a keystone connector into a wall plate
See the free video tip and
more at L-com.com/Videos/A12

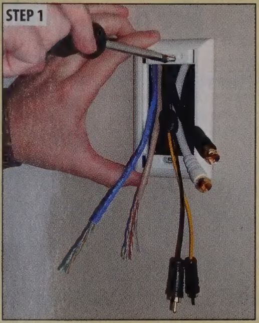
RoHS Information Outlet System - Custom Build Wall Plates to Fit Individual Applications

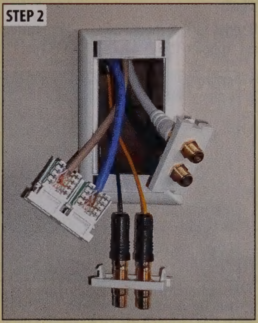
Custom design your own wall plate system using L-com's Information Outlet System. With all of today's connector types available including computer video, Ethernet RJ45, cable TV F-Type, and SC/ST fiber optic you can achieve a professional look without the cost of a professional installation. The Office White color goes well with any décor. Each module snaps in quickly saving time and money. L-com maintains a large inventory of all wall plate connectors for immediate shipment today. Keystone inserts support Category 3, 5E, and 6 style jacks only.

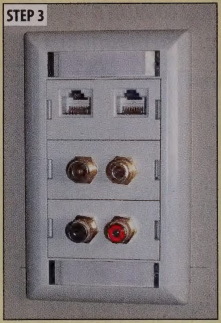
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MWP400S-WT	Modular Wall Frame - Single Gang Holds 3 Insert Plates	White	1.99	1.79	1.59	1.39	1.19
MWP4BNK-WT	Insert Plate - Blank Panel	White	0.35	0.32	0.29	0.27	0.24
MWP41KS-WT	Insert Plate - One Keystone Opening	White	0.75	0.68	0.60	0.52	0.45
MWP42KS-WT	Insert Plate - Two Keystone Openings	White	0.95	0.86	0.76	0.66	0.57
MWP41HD15-WT	Insert Plate - One Video HD15 Female Coupler	White	8.95	8.23	7.52	6.80	6.09
MWP41ST-WT	Insert Plate - Simplex ST Fiber Coupler	White	8.95	8.06	7.16	6.27	5.37
MWP42ST-WT	Insert Plate - Duplex ST Fiber Coupler	White	10.95	9.86	8.76	7.66	6.57
MWP41SC-WT	Insert Plate - Simplex SC Fiber Coupler	White	8.95	8.06	7.16	6.27	5.37
MWP42RCA-WT	Insert Plate - Dual RCA Audio Couplers	White	4.95	4.46	3.96	3.46	2.97
MWP42F-WT	Insert Plate - Dual Type F Style Couplers	White	2.95	2.66	2.36	2.06	1.77

Installing an L-com Information Outlet System

Online Video
L-com.com/Videos/A17

STEP 1

1. Pull all cables through the wall plate and attach the plate to the wall box or bracket.

STEP 2

2. Attach cables to each module. At this time, it's best to test cable connections for continuity.

STEP 3

3. Insert completed modules into wall plate and snap firmly into place.

RoHS Decora Style Wall Plate System with Keystone Ports

Combine all your cable connections into L-com's Decora style wall plates. This popular design provides a clean, modern look to cable connections in a finished room. With support for up to three keystone jacks, you can easily combine all your telephone, network, and video connections needs in one Decora plate for a professional, finished appearance. Volume discounts are available; contact us today with your project needs.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
MWP500S-WT	Decora Style Single Gang Wall Plate		1.19	1.07	0.95	0.83	0.71
MWP500D-WT	Decora Style Double Gang Wall Plate		1.79	1.61	1.43	1.25	1.07
MWP501-WT	Decora Style Wall Plate Insert with 1 Keystone Port		1.49	1.34	1.19	1.04	0.89
MWP502-WT	Decora Style Wall Plate Insert with 2 Keystone Ports		1.49	1.34	1.19	1.04	0.89
MWP503-WT	Decora Style Wall Plate Insert with 3 Keystone Ports		1.49	1.34	1.19	1.04	0.89

Wall Plate Mounting Bracket for Class 2 Wiring

The wall plate mounting bracket is an excellent aid for electricians and cable installers to mount single gang wall plates at any convenient wallboard location. There is no need for traditional metal boxes which inhibit the installation of coaxial and data cables. Furthermore, users can make use of the complete wall cavity to hold excess cable and avoid sharp bends. These brackets have universally spaced threaded holes to accept any standard single or double gang wall plate. It's simple to install, just start by making a 2.125" (5.4cm) W x 3.625" (9.2cm) H (single gang) or 3.875" (9.8cm) W x 3.625" (9.2cm) H (double gang) rectangular hole and then tighten the built-in mounting screws. Large quantity pricing for installation contractors is available upon request.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
WPMB1	Wall Plate Mounting Bracket for Class 2 Wiring, Single Gang		2.49	2.34	2.19	2.04	1.89
WPMB2	Wall Plate Mounting Bracket for Class 2 Wiring, Double Gang		2.95	2.77	2.60	2.42	2.24

RoHS Shielded Category 5E and 6 Surface Mount Boxes

L-com's Shielded Modular Surface Mount Boxes offer users a complete solution to EMI/RFI problems. By utilizing fully shielded jacks and connecting hardware, users can reduce the effects of interference on the network data transmissions. All jacks feature 110-style punch down connections for fast and easy termination. Surface mount boxes come pre-installed with shielded jacks.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
SMB110C5ES-S	Shielded Category 5E Surface Mount Jack with 1 RJ45 (8x8) 568A/B		7.95	7.16	6.36	5.56	4.77
SMB110C6S-S	Shielded Category 6 Surface Mount Jack with 1 RJ45 (8x8) 568A/B		9.95	8.96	7.96	6.96	5.97
SMD110C5ED-S	Shielded Category 5E Surface Mount Jack with 2 RJ45s (8x8) 568A/B		10.95	9.86	8.76	7.66	6.57
SMD110C6D-S	Shielded Category 6 Surface Mount Jack with 2 RJ45s (8x8) 568A/B		12.95	11.65	10.36	9.06	7.77

RoHS Surface Mount Boxes for Keystone Jacks

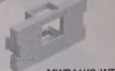
These one and two port surface mount boxes can accept standard keystone insert options. These boxes feature a location for icon inserts to identify each port for the connection type.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
SMB01K-WT	Surface Mount Box for 1 Keystone Insert	White	1.75	1.57	1.40	1.22	1.05
SMB01K-IV	Surface Mount Box for 1 Keystone Insert	Ivory	1.75	1.57	1.40	1.22	1.05
SMB02K-WT	Surface Mount Box for 2 Keystone Inserts	White	1.95	1.75	1.56	1.37	1.17
SMB02K-IV	Surface Mount Box for 2 Keystone Inserts	Ivory	1.95	1.75	1.56	1.37	1.17

How to use the WPMB mounting brackets
See the free video tip and
more at L-com.com/Videos/A16

MWP400S-WT

MWP4BNK-WT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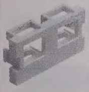

MWP42KS-WT

MWP41HD15-WT

MWP41ST-WT

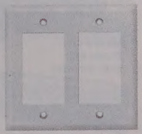
MWP42ST-WT

MWP41SC-WT

MWP42RCA-WT

MWP42F-WT

MWP500S-WT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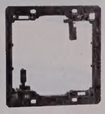
MWP501-WT

MWP502-WT

MWP503-WT

WPMB1


WPMB2

SMD110C6D-S
SMB110C6S-S

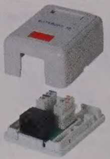
Easily wire a Surface Mount Box

Online Video
L-com.com/Videos/A18

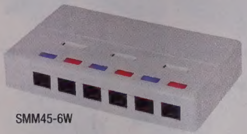
SMB01K-WT

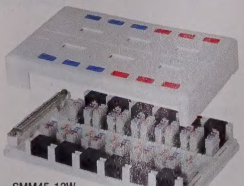
Note: Keystone inserts are not included, order separately.
SMB02K-IV

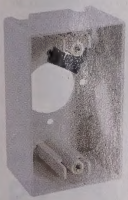
L-com Global Connectivity


SMB45-W

SMB4545-W

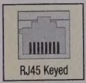

SMM45-6W


SMM45-12W
(Shown with
cover removed)


WMTA4709-WH
(Front View)

WMTA4709-WH
(Rear View)

TDA310-8C



TDA22NS

TDA306-4C

☑RoHS Category 5E Surface Mount Boxes Include RJ45 or RJ12 Jacks and 110 Connectors

One and two port surface mount boxes include RJ45 (Category 5E) and/or RJ12 (Voice) jacks for easy surface mounting. These units feature colored icons, write on labels and tri-directional cable entry points. Both EIA568A and B wiring codes listed on RJ45 jacks. 50 microinches gold on modular contacts. Ivory or White and UL Listed.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
SMB45-I	Category 5E Surface Box, Single Port, RJ45 (8x8)	Ivory	7.95	7.63	7.31	7.00	6.68
SMB45-W	Category 5E Surface Box, Single Port, RJ45 (8x8)	White	7.95	7.63	7.31	7.00	6.68
SMB4512-I	Category 5E Surface Box, RJ45 (8x8) / RJ12 (6x6)	Ivory	10.95	10.51	10.07	9.64	9.20
SMB4545-I	Category 5E Surface Box, RJ45 (8x8) / RJ45 (8x8)	Ivory	12.95	12.43	11.91	11.40	10.88
SMB4545-W	Category 5E Surface Box, RJ45 (8x8) / RJ45 (8x8)	White	12.95	12.43	11.91	11.40	10.88

☑RoHS Category 5E - 6 and 12 Port Surface Mount Box

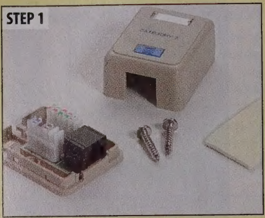
These boxes are extremely useful when wiring up densely populated areas such as office cubicles. Each box utilizes 6 or 12 enhanced Category 5 (RJ45) jacks with 110 insulation displacement contacts. Modular contacts have 50 microinches gold meeting FCC requirements and 110 contacts are color coded for EIA568A and B wiring. Multiple cable entry knock outs accommodate different cable dimensions. Supplied with Blue and Red snap in icons, write in strips, double sided adhesive and wood screws. Color: White.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
SMM45-6W	Category 5E Surface Box, 6 Port, RJ45 (8x8)	White	34.95	32.15	29.36	26.56	CALL
SMM45-12W	Category 5E Surface Box, 12 Port, RJ45 (8x8)	White	59.95	55.15	50.36	45.56	CALL

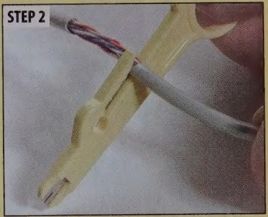
How to wire a surface mount box

Parts List:
- SMB series surface mount box
- Jacket stripping tool
- Wire cutters
- 110 tool

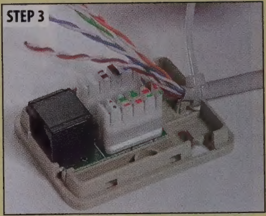
Online Video
L-com.com/Videos/A18


STEP 1

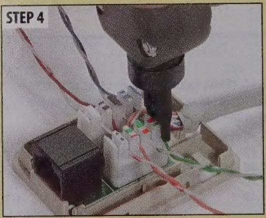
Remove cover and attach the jack base assembly using the supplied screws or double stick tape.


STEP 2

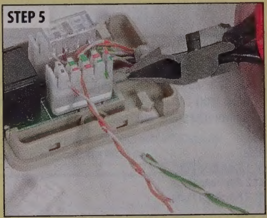
Remove approximately 3" of the outer jacket from the cable. Take care not to nick the wires.


STEP 3

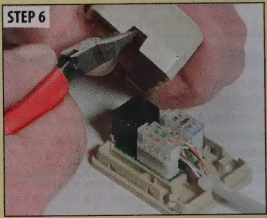
Secure cable with a cable tie to the desired entry point.


STEP 4

Insert the pairs to the color coded slots taking care to maintain the conductor twist at the IDC terminal. Punch down using a 110 style tool.


STEP 5

Trim excess wire (if your 110 tool doesn't cut) and snap on the retainer caps.


STEP 6

Notch cover to match the cable entry and snap in place.

☑RoHS Surface Wall Mount Backbox

Now you can easily design your own surface mount box. Depending on the kind of faceplate you choose to screw onto this backbox, you can make a surface mount box with various configurations. This backbox is designed to mount on a wall or other surface mount areas. It provides convenient rear and side knock outs for various cable entries. Each unit includes screws and double sided adhesive tape for mounting, black rubber cable door and cable tie.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
WMTA4709-WH	Surface Wall Mount Backbox		2.40	2.26	2.11	1.97	1.82

☑RoHS Surface Mounted Jacks - Feature Standard Screw Connections and Snap Covers

Eliminating the cover retaining screw and pre-wiring the jack assembly to the terminals reduces installation time. Packaging includes double-sided adhesive tape for mounting on desks, cabinets or where attaching with wood screws is objectionable.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TDA310-4C	Modular Surface Mount Jack, Side Access, RJ11 (6x4)		1.99	1.87	1.75	1.63	1.51
TDA310-6C	Modular Surface Mount Jack, Side Access, RJ12 (6x6)		2.59	2.43	2.28	2.12	1.97
TDA310-8C	Modular Surface Mount Jack, Side Access, RJ45 (8x8)		3.99	3.75	3.51	3.27	3.03
TDA22NS	Modular Surface Mount Jack, Side Access, Keyed, RJ45 (8x8)K		3.95	3.63	3.32	3.00	2.69
RJ31X	Modular Surface Mount Jack, with Shorting Bars, RJ45 (8x8)		3.95	3.63	3.32	3.00	2.69

☑RoHS Surface Mounted Jacks - Narrow Type for High-Density Applications

Measuring less than 1.7" (4.3cm) in width with cable entrance in the rear and supplied with wood mounting screws and two-sided adhesive tape. Screw terminal wiring.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TDA306-4C	Modular Surface Mount Jack, End Access, RJ11 (6x4)		2.10	1.93	1.76	1.60	1.43
TDA306-6C	Modular Surface Mount Jack, End Access, RJ12 (6x6)		2.45	2.25	2.06	1.86	1.67

How to wire a surface mount box
See the free video tip and
more at L-com.com/Videos/A18

110 Style Accessories - The Most Popular Way to Achieve Category 5E and 6 Performance

The 110 connect system is a high performance means of terminating UTP wiring and it is currently the most popular choice in installations. This system utilizes wiring blocks, connecting blocks, patch panels, 24 AWG UTP cabling and patch cords.

Most 110 style wiring blocks come pre-configured to a number of RJ45 ports, allowing easy patching with RJ45-RJ45 data grade patch cords. L-com offers a variety of common 110 style components. Other styles and configurations can be supplied on a custom basis; call our Technical Support Department for assistance.

✓RoHS Category 5E Wall Mount 12 Port Patch Panel

The Category 5E wall mount 12 port patch panel offers users an economical way to terminate smaller groups of connections without the need to install a rack system. Each block features industry standard 110 style connections and write-on surfaces for port identification. These panels are universally marked for EIA568A and EIA568B color codes.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DCWM110C5E-12	Category 5E Patch Panel, 12 Port EIA568A/B	42.98	39.54	36.10	32.66	29.23

Category 6 Wall Mount 12 Port Patch Panel

The Category 6 wall mount 12 port patch panel offers users high performance in a small package. Users can terminate Category 6 cabling without the need to install a rack system. Each block features industry standard 110 style connections and write-on surfaces for port identification. These panels are universally marked for EIA568A and EIA568B color codes.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DCWM110C6-12	Category 6 Patch Panel, 12 Port EIA568A/B	48.98	45.06	41.14	37.22	33.31

✓RoHS Category 5E 19" (48.3cm) Rack Mount Patch Panel - 24 and 48 Port

L-com's Category 5E 19" (48.3cm) rack mount patch panels come pre-configured in 24 and 48 port versions. These panels feature industry standard 110 punch-down style termination for quick installation. Users can identify ports by either writing directly on the screened in label surfaces or using a regular label printer to create labels. Each port is EIA568A/B color encoded for compatibility with all types of network jacks and cabling.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DCP110C5E-24	Category 5E Patch Panel, 24 Port EIA568A/B	96.98	89.22	81.46	73.70	65.95
DCP110C5E-48	Category 5E Patch Panel, 48 Port EIA568A/B	214.98	197.78	180.58	163.38	146.19

✓RoHS Category 6 19" (48.3cm) Rack Mount Patch Panel - 24 and 48 Port

For enhanced performance users can choose L-com's Category 6 rack mount patch panels. These panels feature Category 6 performance for today's high-speed network installations. Installers will find easy to use 110 style punch down terminals for cable termination and write-on surfaces for port identification on the front panel. Each port is EIA568A/B color encoded for compatibility with all types of network jacks and cabling.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DCP110C6-24	Category 6 Patch Panel, 24 Port EIA568A/B	149.98	137.98	125.98	113.98	101.99
MRP110C6-48	Category 6 Patch Panel, 48 Port EIA568A/B	199.95	179.95	159.96	139.96	119.97

✓RoHS Voice Grade 19" (48.3cm) Patch Panel with 50 RJ12 Ports

Consolidate voice terminations to your rack panel with L-com's 50 port RJ12 voice grade patch panel. This panel features a compact 1U 1.75" design with a total of 50 RJ12 style ports. On the back, installers will find 110 style connections for simple termination of cabling.

Item #	Description	1-9	10-24	25-99	100-249	250-499
MRP110RJ12-50	Voice Grade Patch Panel, 50 Port RJ12	139.95	128.75	117.56	106.36	95.17

Hellermann-Tyton® Premium Category 5E 19" (48.3cm) Patch Panels - 24 and 48 Port

These universal patch panels are pre-configured in 24 and 48 port versions to meet the needs of most customer applications. Panels are offered with increments of 6 port modules - which can be replaced if damaged during installation. The universal panels can be used for both T568A and T568B wiring.

Item #	Description	1-9	10-24	25-99	100-249	250-499
PP110C5E24	Enhanced Category 5E Panel, 24 Port	139.95	131.55	123.16	114.76	CALL
PP110C5E48	Enhanced Category 5E Panel, 48 Port	249.95	234.95	219.96	204.96	CALL
PP110C5E6	Enhanced Category 5E Module 6 Pack	29.95	28.15	26.36	24.56	CALL

Hellermann-Tyton® Premium 100Base-T Telco Patch Panel - 24 Port

This PowerSum telco patch panel converts feeder or equipment cables from 25 pair to 12 individual RJ45 ports with 2-pair presentation suitable for LAN applications. Panel utilizes two 50-pin/25 pair female connectors compatible with most 100Base-TX and 100Base-T Hubs. Active pins are 1, 2, 3 and 6.

Item #	Description	1-9	10-24	25-99	100-249	250-499
PP100BT24	100Base-T Telco Panel, 24 Port	199.95	187.95	175.96	163.96	CALL

Hellermann-Tyton® Premium Category 6 19" (48.3cm) Patch Panels - 24 and 48 Port

These universal patch panels are pre-configured in 24 and 48 port versions to meet the needs of nearly all customer applications. These panels are offered in increments of 6 port modules which can be replaced if damaged during installation. The universal panels can be used for both T568A and T568B wiring configurations, thus eliminating the need for extra inventory. These panels have a flush, front face which provides for an attractive appearance. Also available is a very simple, easy to install rear cable manager which is recommended for all Category 6 installations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HT110C6PP-24	Category 6 Patch Panel, 24 Port EIA568A/B	229.95	220.75	211.55	202.36	CALL
HT110C6PP-48	Category 6 Patch Panel, 48 Port EIA568A/B	379.95	364.75	349.55	334.36	CALL
HT110C66	Category 6 Replacement Module - 6 pack	49.95	48.95	47.95	46.95	45.95
HTTRCM	Universal Rear Cable Manager	44.03	41.39	38.75	36.10	CALL

✓RoHS 24 Port Category 5E Shielded 19" (48.3cm) Patch Panel - Industrial Grade

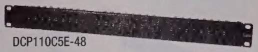
This Category 5E rack panel is fully shielded for use in areas with high levels of noise and EMI. Commonly used in industrial environments the panels are made using heavy gauge sheet metal that fully encloses over the circuit board and cable terminations for ultimate shielding. Permanent connections are made to 110 style IDC contacts and patching is made through shielded RJ45 (8x8) modular connectors. This 24 port panel mounts into standard 19" (48.3cm) racks and takes 1U of rack height (1.75in/4.4cm). Compatible with EIA568A or B wiring schemes. 18 AWG grounding wire included. Color: Black

Item #	Description	1-9	10-24	25-99	100-249	250-499
DCP110C5E-24S	24 Port Shielded Category 5E Patch Panel	148.98	137.06	125.14	113.22	101.31

DCWM110C5E-12

DCWM110C6-12

DCP110C5E-24


DCP110C5E-48

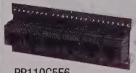
DCP110C6-24

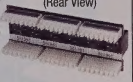
MRP110C6-48

MRP110RJ12-50

PP110C5E24

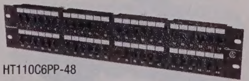
PP110C5E48

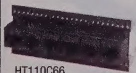

PP110C5E6
(Front View)

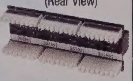

PP110C5E6
(Rear View)

PP100BT24

HT110C6PP-24

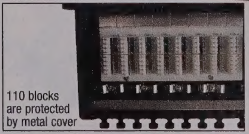

HT110C6PP-48


HT110C66
(Front View)


HT110C66
(Rear View)

HTTRCM

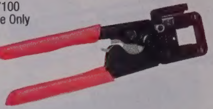
DCP110C5E-24S


110 blocks are protected by metal cover

To see our entire product offering
go to...L-com.com

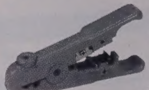
L-com® Global Connectivity

HTS7100
Frame Only



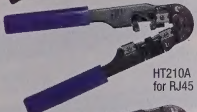
HTS7100-04
4 Position Die Set

HTS7100-06A
6 Position Die Set

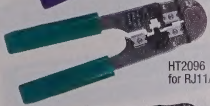


HTS501

HT1500
for RJ11/12
& RJ45



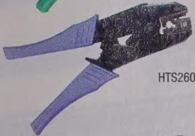
HT210A
for RJ45



HT2096
for RJ11/12

HT2094C
for Handset

HTS2500



HTS2600

HTS9000
for RJ50

TCPT2

TCPT110

TCK68MOD

Item #	Description	1-9	10-24	25-99	100-249	250-499

Tela-Crimp Tool Provides High Level of Versatility and Termination Reliability

The ultimate design based on many years experience, this new model produces a perfect crimp every time and is offered at an affordable price. Dies need to be purchased separately. The following features should be noted:

- Full cycle ratchet action assures consistent terminations.
- A release lever is provided to prevent faulty crimps.
- The compound action produces high crimping forces with minimal user effort.
- A replaceable cutter and stripper are conveniently placed offering two strip lengths per industry standards.
- All dies are interchangeable and guarantee perfect alignment.
- The modular plug nests accept most configurations available within the industry today.
- Spring activated handles have cushion grips to minimize user fatigue.
- Tools are conservatively rated for 50,000 crimps.

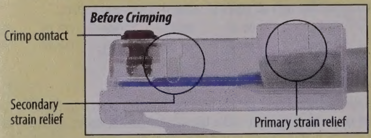
HTS7100	Crimp Tool Only, accepts any HTS7100 Die Set	69.50	66.72	63.94	61.16	CALL
HTS7100-04	4 Position Die Set with Primary & Secondary Strain Relief for RJ22 Handset Plugs	29.50	28.32	27.14	25.96	CALL

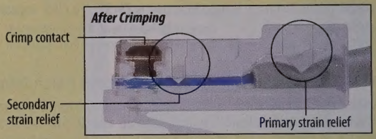
Note: This die is equipped with a secondary strain relief. For use with Stewart and generic plugs only. May damage other vendor's plugs.

HTS7100-06A	6 Position Die Set without Secondary Strain Relief, for all RJ11 & RJ12 Plugs	29.50	28.32	27.14	25.96	CALL
HTS7100-08A	8 Position Die Set without Secondary Strain Relief, for all RJ45 Plugs	29.50	28.32	27.14	25.96	CALL
HTS7100-10	10 Position Die Set without Secondary Strain Relief	33.50	32.16	30.82	29.48	CALL

Tip *What is a primary and secondary strain relief?*

The three main points of contact within any plug are the crimp contact, primary strain relief and secondary strain relief. Compatibility issues exist between various plug and tool designs with respect to the secondary strain relief. If the plug and tool are slightly misaligned due to incompatibility, bad crimps end up crushing the plug. The plugs and tools listed have been carefully chosen to minimize compatibility problems.





✓RoHS UTP/STP Cable Stripper for Round or Flat Cable

This handy cable stripping tool is a great addition to any cable installer's tool belt. Featuring an adjustable blade for all sizes of UTP, STP, and flat silver satin cabling, this tool allows users to consistently remove the cable jacket without damaging the internal conductors. The cable stripper also features a built in cable cutter.

HTS501	Modular Cable Stripper for UTP/STP Round or Flat Cable	12.95	12.43	11.91	11.40	10.88

✓RoHS Heavy Duty Two-in-One Tool - Strip and Crimp RJ11/12 and RJ45 Modular Cables

Finally a quality tool at a reasonable price. This two-in-one tool features a straight-line-parallel operation of the die set for precision crimping each and every time. Tool has two sets of dies to accept a 2, 4 or 6 position RJ11/12 and more important the RJ45 (8x8), either keyed or non-keyed. Equipped with a built-in wire stripper. All steel construction with plastic handle grips for overall comfort.

HT1500	Two-In-One Modular Crimp Tool	49.95	44.96	39.96	34.96	CALL

✓RoHS Medium Service Hand Tools - Cut, Strip and Crimp Modular Plugs to Flat Cable

Durable modular crimp tools with carbon steel dies and all steel construction to withstand frequent use. Three tool types satisfy the requirements of crimping 4x4 handset, RJ11, RJ12, and RJ45 modular plugs. The HT210A accepts RJ45 plugs either with or without key.

HT210A	Modular Crimp Tool Kit for RJ45 Plugs	28.95	26.05	23.16	20.26	CALL
HT2096	Modular Crimp Tool for RJ11 and RJ12 Plugs	24.95	22.45	19.96	17.46	CALL
HT2094C	Modular Crimp Tool for 4x4 Handset Plugs	22.95	20.66	18.36	16.06	CALL

Heavy Duty Ratcheting Crimp Tools for TDS8PC5 Shielded Plugs

These crimp tools are specifically designed for L-com's TDS8PC5 heavy duty shielded plugs. Features include, fully ratcheting crimp action, hardened dies and adjustability. The HTS2500 crimps the contact and strain relief in one step. The HTS2600 features separate crimp and strain relief capability in two steps.

HTS2500	Crimp Tool for Shielded Plugs with Strain Relief, One Step	69.50	66.72	63.94	61.16	CALL
HTS2600	Crimp Tool for Shielded Plugs with Strain Relief, Two Step	79.50	76.32	73.14	69.96	CALL

10P10C (RJ50) Crimp Tool with Cut and Strip Function

The HTS9000 not only crimps 10P10C style connectors but it also cuts and strips your cable for complete cable preparation! This rugged tool is constructed of carbon steel and features a cushioned grip handle. This crimp tool can be used with L-com's TDR10P10C and TDR10P10CS, 10 position RJ50 plugs.

HTS9000	Crimp Tool for 10P10C RJ50 Plugs	49.95	48.95	47.95	46.95	45.95

✓RoHS Cable Prep Tools - Fast, Easy Stripping of UTP or Data Cable Jacket Covers

These are the simplest tools we've ever seen for removing the jacket from round, unshielded or shielded twisted pair cable. The TCPT2 tool is intended for removing the jacket on UTP cable only. The second tool, the TCPT110, also incorporates a 110 blade for punching 110 blocks. Just insert the cable into the tool, twist/turn a couple of times and pull off the jacket slug. Simple and yet inexpensive enough to have a few on hand.

TCPT2	UTP Round Cable Jacket Stripper	5.99	5.51	5.03	4.55	CALL
TCPT110	UTP Round Cable Jacket Stripper with 110 Punch	6.99	6.43	5.87	5.31	CALL

Heavy Duty Modular Crimp Tool Kit Includes RJ45 and RJ11/12 Plugs

This tool kit includes 1 HT1500 crimping tool for RJ45 and RJ11/12 plugs, 20 RJ11/12 plugs for flat cable, 20 RJ11/12 plugs for round cable, 20 RJ45 plugs for flat cable, 20 RJ45 plugs for round cable and a four compartment case.

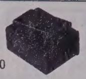
TCK68MOD	RJ45 and RJ12 Crimp Tool Kit with Plugs	59.95	58.75	57.55	56.35	55.15

RoHS status information
listed on every product saves you time.
L-com.com/RoHS
✓RoHS

RoHS Protective Covers for Plugs and Jacks - Protect Unused Ports and Cables from Contact Damage

These covers are perfect for protecting unused ports in wall plates and expensive equipment from physical damage, dirt and grime. Made from flexible PVC, these covers attach easily and stay in place with a snug friction fit.

Item #	Description	1-9	10-24	25-99	100-249	250-499
MP45P	RJ45 Protective Covers for Plugs, Pkg/100	14.95	14.65	14.35	14.05	13.75
MP45J	RJ45 Protective Covers for Jacks, Pkg/100	15.95	15.63	15.31	14.99	14.67


MP45P
Pkg/100

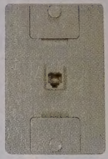
MP45J
Pkg/100

DSL Line Conditioners - Filters Noise for Better Performance

These are two types of DSL Line Conditioners for filtering out unwanted noise. The devices use 2 pole low pass filters. Inline plug/jack or wall plate configurations. Color: Ivory. Specifications: REN 0.2B; DC Resistance Through T&R to Phone: 10 Ohms; Loading Capacity: 47nF; Attenuation Distortion ± 1 dB max.; 3 dB Cutoff Point.

Item #	Description	1-9	10-24	25-99	100-249	250-499
S900LC50-I	Inline DSL Conditioner, RJ12 (6x6) Male / Female	6.95	6.67	6.39	6.12	5.84
S630LCC-I	Wall Mount DSL Conditioner, RJ12 (6x6) Jack	7.95	7.63	7.31	7.00	6.68

S900LC50-I

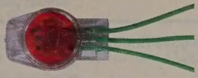

S630LCC-I

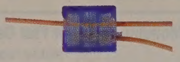
RoHS Wire Tap and Butt Splice - Gel Filled IDC Connectors

These handy IDC connectors make wire splicing a snap. Gel filled IDC contact area provides a moisture resistant barrier for reliable connections. Usable with 19-26 AWG copper wire with a .066" (0.2cm) maximum insulation diameter (.060 max. for WT-UY). Sold in 100 piece packs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WT-UY	UY Butt Splice 2 Wire Connector, Gel Filled, Pkg/100	11.99	11.51	11.03	10.55	10.07
WT-UR	UR Butt Splice, 3 Wire Connector, Gel Filled, Pkg/100	12.95	12.43	11.91	11.40	10.88
WT-UB	UB Butt Tap Connector, Gel Filled, Pkg/100	12.95	12.43	11.91	11.40	10.88

WT-UY
2 Wire Butt Splice


WT-UR
3 Wire Butt Splice

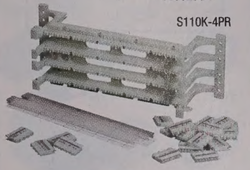

WT-UB
Butt Tap Connector

110 Wiring Block Field Termination Kits - Everything Necessary to Wire a 110 Block

Each kit contains one 100 pair wiring block with detachable legs, label holders with designation labels and sufficient connecting blocks. Note: Each kit includes enough connecting blocks to complete each 25 pair termination strip on the 110 wiring block. (ex. The S110K-4PR kit would include five four pair and one five pair connecting block per 25 pair termination strip).

Wiring blocks are the main instrument in setting up horizontal wiring in a 110 style connector system. These are surface mountable molded plastic units that secure and organize cable pairs. Designation strips are mounted to the wiring block addressing each cable termination. 4 or 5 pair connecting blocks snap over the wire terminations on the wiring block. These contain insulation displacement quick connect clips and provide a gas tight connection between the cable conductor and cross connect system.

Item #	Description	1-9	10-24	25-99	100-249	250-499
S110K-4PR	100 Pair Wiring Block Kit with 4 Pair Connecting Blocks	41.95	41.11	40.27	39.43	38.59
S110K-5PR	100 Pair Wiring Block Kit with 5 Pair Connecting Blocks	44.95	44.05	43.15	42.25	41.35


S110K-4PR

50 Pair 66 Style Category 5 Block

This 66 style 50 pair block has been designed to meet Category 5 requirements as specified by the EIA/TIA. Ease of use and low cost has made this style of block one of the most popular termination methods. Improved design now permits use in data applications up to 100 Mbps. Included are 100 quick connect bridging clips and a clear protective cover. 66 type tool required for termination.

Item #	Description	1-9	10-24	25-99	100-249	250-499
S66M1-50-C5	50 Pair 66 Style Block, Category 5 Rated	16.95	16.61	16.27	15.93	15.59
C1127-A1-100	Bridging Clips for 66 Style Blocks, Pkg/100	10.99	10.55	10.11	9.67	CALL

S66M1-50-C5

C1127-A1-100
Pkg/100

RoHS Multi-Pair Termination Tool for 110 Blocks

This professional grade tool is designed to terminate and cut up to 5 pairs of UTP wires once they are laid into the 110 connector. Blade is reversible with one side crimping and cutting excess wire and the other side just crimping. Impact mechanism makes reliable terminations every time.

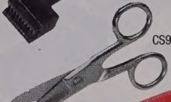
Item #	Description	1-9	10-24	25-99	100-249	250-499
S110MPIC	Multi Pair Impact Tool for 110 Blocks	149.95	143.95	137.95	131.96	CALL

S110MPIC

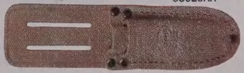
Professional Grade Cable Splicer Knife, Scissor and Kit

These tools are a great addition to any cable technicians tool kit. The CS925 is an industrial grade serrated scissor capable of cutting thin wires and cable jacketing. This tool also has wire stripping notches on one blade as well as a scraper and file on the back of the other. The CK6 is a forged steel splicer knife with red cushioned handle. It comes in handy whenever a sharp blade is necessary. The CS925KIT offers both tools plus a heavy duty leather holder that will keep the knife and scissor secured to a tool belt.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CS925	Cable Splicer Serrated Scissor	16.50	15.84	15.18	14.52	CALL
CK6	Cable Splicer Knife	10.90	10.46	10.03	9.59	CALL
CS925KIT	Knife and Scissor with Holder	33.50	32.16	30.82	29.48	CALL


CS925

CK6


CS925KIT

Parallel Action Pliers - Use for Compressing IDC Body to Jack

These parallel action pliers are great for crimping wire taps and butt splices. The jaws of the tool work close in parallel providing a better crimp than regular pliers.

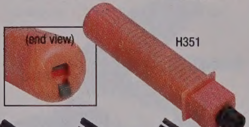
Item #	Description	1-9	10-24	25-99	100-249	250-499
HT1008	Parallel Action Pliers	59.95	58.75	57.55	56.35	55.15

HT1008

RoHS Premium Auto Impact Tool - Our Best Model, Features an Adjustable Spring Load

Now installers can make effortless, uniform connections with L-com's premium auto impact tool. Set tool for high or low impact with a variable impact pressure control that will provide the right amount of force. Blades are easily reversible, one end terminates only while the other terminates and cuts. This model features a hidden storage compartment which opens to fit an extra blade. Accepts blades for 66, 110 and Krone use. This tool comes without blades, order separately.

Item #	Description	1-9	10-24	25-99	100-249	250-499
H351	Premium Impact Tool Body Only, Without Blade	38.50	36.96	35.42	33.88	32.34



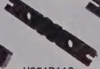
H351

RoHS Reversible Blades - Fit H351 Series Tool

Item #	Description	1-9	10-24	25-99	100-249	250-499
H351B66	Impact Blade, Reversible for 66 Terminals	9.95	9.55	9.15	8.76	8.36
H351B110	Impact Blade, Reversible for 110 Terminals	9.95	9.55	9.15	8.76	8.36
H351B-K	Impact Blade, Reversible for Krone Terminals	9.95	9.55	9.15	8.76	8.36

Note: Mixing of blades is allowed for quantity pricing

H351B66
For 66 Blocks


H351B110
For 110 Blocks

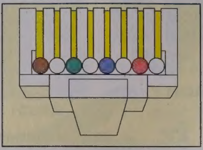
H351B-K
For Krone Blocks

> "L-com has been supplying my group with high quality networking products at competitive prices and fast delivery for over 4 years. You have done a great job in supplying me with custom panels and cables that I use in my newly built High Availability Data Center. L-com is a great company with great products. I would recommend them." - Steven Esposito, HP.com

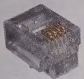
L-com Global Connectivity

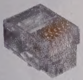
☐ FCC compliant. Part 68; Doc. 47, Sub F.
☐ UL component recognized, File E132408(N)-DUXR2.
☐ Certified Canadian Standards Assn., File 67725.

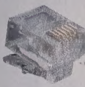
Standard Alignment

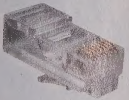


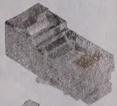
A 4x4 Handset

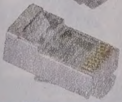

B 6x4 RJ11


C 6x6 RJ12

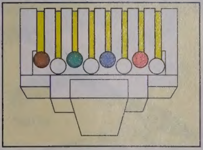

D 6x6 MMJ


E 8x8 RJ45


TD6P6CSR

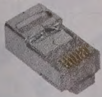

TDR10P10CS

Staggered Alignment



TSP4288C6

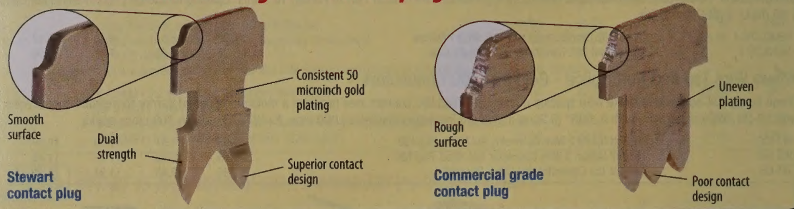
TSP4088C5


TSP4088C5S

The Ultimate in Modular Telco Plugs, Made in the USA, Comply with Industry Standards

L-com offers Stewart modular plugs featuring mirror smooth contact surfaces for extended mating life. Lowest contact resistance and high reliability. Pre-inserted selectively gold plated contacts are ready for mass termination on most industry compatible crimping machines and hand tools. Fully complies with FCC & telephone industry standards for size and performance. Choice of plugs for flat modular or round UTP cable. Plugs accept 24-28AWG stranded or solid conductors. Sold only in packages of 100 plugs.

Tip What is the difference between a Stewart contact plug and a commercial grade contact plug?



✓RoHS Modular Plugs for Flat Cable - With Standard Rectangular Cable Entrance

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
TSP3044	Modular Plugs, Handset (4x4), Pkg/100	A	29.95	27.55	25.16	22.76	CALL
TSP3046	Modular Plugs, RJ11 (6x4), Pkg/100	B	29.95	27.55	25.16	22.76	CALL
TSP3066	Modular Plugs, RJ12 (6x6), Pkg/100	C	34.95	32.15	29.36	26.56	CALL
TSP3088	Modular Plugs, RJ45 (8x8), Pkg/100	E	49.95	45.95	41.96	37.96	CALL

✓RoHS Modular Plugs for Round Twisted Pair Cable - With Radiused Cable Entrance

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
TSP3046R	Modular Plugs, RJ11 (6x4), Pkg/100	B	29.95	27.55	25.16	22.76	CALL
TSP3066R	Modular Plugs, RJ12 (6x6), Pkg/100	C	34.95	32.15	29.36	26.56	CALL
TSP3066R-MMJ	Modular Plugs, MMJ (6x6), Pkg/100	D	39.95	38.35	36.75	35.16	CALL
TSP3088R	Modular Plugs, RJ45 (8x8), Pkg/100	E	49.95	45.95	41.96	37.96	CALL

SPECIFICATIONS:

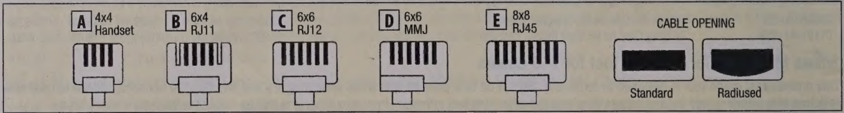
Material: Insulator - Polycarbonate rated UL 94V-0
Contacts - Phosphor Bronze

Plating: 50 microinch gold to MIL-G-45204, Type II, Grade C min. on contact area over 100 microinch min
Nickel underplate to QQ-N-290, Class 2, Grade C, gold flash on balance.

Electrical: Voltage Rating - 150 VAC max.
Current Rating - 1.5 Amps max.
Contact resistance - 15 milliohms min.
Insulation resistance - 500 Mohm min @ 1000 VAC between adjacent contacts (75°F and 50% R.H.)
Dielectric withstanding voltage - 1000 VAC min rms (sea level).

Mechanical: Terminates to 24, 26 and 28 AWG
Accepts Stranded or Solid conductors.
Mating durability - 1,000 cycles min.

Environmental: Operating temperature - -40°C to +85°C.



✓RoHS Shielded Modular Plugs for Round Twisted Pair Cable - With Radiused Cable Entrance

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
TD6P6CSR	Modular Plugs, RJ12 (6x6), Pkg/50		29.95	29.35	28.15	26.36	22.46
TDR10P10CS	Modular Plugs, RJ50 (10x10), Pkg/100		69.95	67.15	64.35	61.56	58.76

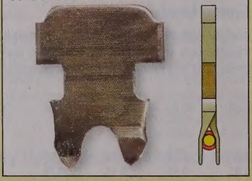
✓RoHS High Performance Category 5/5E and Category 6 Staggered Alignment Plugs

Stewart's staggered-pin Category 5/5E and Category 6 rated RJ45 crimp plugs are designed for today's high performance networks. A superior two-prong contact design works for both solid and stranded conductors. The multi-level contact design helps improve performance. The shielded version protects against EMI/RFI interference and maintains proper ground connection. Sold in packages of 50 plugs.

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
TSP4288C6	Modular Plugs, RJ45(8x8) Category 6, Pkg/50		49.95	45.95	41.96	37.96	CALL
TSP4088C5	Modular Plugs, RJ45(8x8) Category 5/5E, Pkg/50		29.95	27.55	25.16	22.76	CALL
TSP4088C5S	Modular Plugs, RJ45(8x8) Category 5/5E Shielded, Pkg/50		49.95	45.95	41.96	37.96	CALL

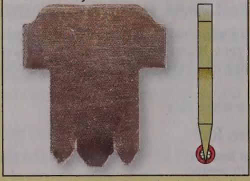
Tip What is the difference between stranded and solid contact design?

Solid or Stranded



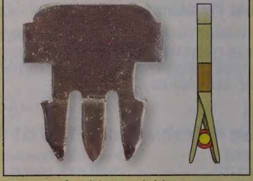
Two point staggered for solid or stranded. The contact prongs straddle the conductor.

Stranded Only



Piercing type for stranded. Jagged end pierces jacket and embeds into the strands of the conductor.

Solid or Stranded



Tripoint type for solid or stranded. Long contact prongs spread apart to accept conductor.

L-com® Global Connectivity

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

✓RoHS Stranded Conductor Modular Plugs - Rectangular Entry for Flat Cable

A full complement of modular plugs is offered for all applications. Piercing-type connections are simultaneously made through each stranded conductor of 24-28 AWG flat modular cable. 15 microinches gold plating on contacts. Sold in packages of 100 plugs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TD4P4HS	Modular Plugs, Handset (4x4), Pkg/100	19.95	18.35	16.76	15.16	13.57
TD6P4C	Modular Plugs, RJ11 (6x4), Pkg/100	19.95	18.35	16.76	15.16	13.57
TD6P6C	Modular Plugs, RJ12 (6x6), Pkg/100	24.95	22.95	20.96	18.96	16.97
TD6P6MMJ	Modular Plugs, MMJ (6x6), Pkg/100	29.95	27.55	25.16	22.76	CALL
TD8P8C	Modular Plugs, RJ45 (8x8), Pkg/100	39.95	36.75	33.56	30.36	27.17
TD8P8CK	Modular Plugs, RJ45 (8x8) (Keyed), Pkg/100	39.95	36.75	33.56	30.36	27.17

✓RoHS Stranded Conductor Modular Plugs - Radiused Entry for Round or Flat Cable

These modular plugs have a radiused rear entry compatible with most round and flat cables. 50 microinches gold plating on contacts. Compatible with 24-28 AWG stranded conductors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDR6P4C	Modular Plugs, RJ11 (6x4), Pkg/100	19.95	18.35	16.76	15.16	CALL
TDR6P6C	Modular Plugs, RJ12 (6x6), Pkg/100	24.95	22.95	20.96	18.96	CALL
TDR8P8C	Modular Plugs, RJ45 (8x8), Pkg/100	39.95	36.75	33.56	30.36	CALL
TDR10P10C	Modular Plugs, RJ45 (10x10), Pkg/100	49.95	45.95	41.96	37.96	CALL

✓RoHS Shielded Long Body RJ45 Generic Plug

This plug will accept round or flat cable with solid or stranded wires. Prices shown are per piece. Compatible with generic 8x8 crimp tools such as L-com part numbers: HT210A, HT1500, HTS7100 + HTS7100-08A die set and HTS2100 + HTS2100-08 die set.

Item #	Description	1-9	10-24	25-99	100-249	250-499
T8P8CSR	Shielded Modular Plug, RJ45 (8x8), Single	0.95	0.87	0.80	0.72	0.65

✓RoHS Shielded Category 5E and Category 6 RJ45s for Solid or Stranded Cables

A superior high performance shielded plug system that allows users to perform factory grade terminations in the field is now available. A unique metallic strain relief provides superior cable retention and a reliable 360 degree shielding contact. The short body design combined with a loading bar allows easy insertion while maintaining Category 5E or Category 6 twist requirements. Superior two-point contact design is compatible with solid and stranded cable. Improve your shielded cable performance by designing in L-com's shielded plugs.

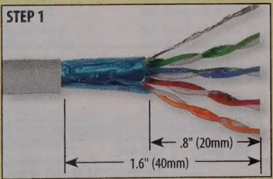
Item #	Description	1-9	10-24	25-99	100-249	250-499
TDS8PC5	Category 5E Shielded Modular Plug, RJ45 (8x8), - Pkg/50	59.95	57.55	55.15	52.76	50.36
TDS8PC6	Category 6 Shielded Modular Plug, RJ45 (8x8), - Pkg/50	64.95	62.35	59.75	57.16	54.56
TDS8CVR-GR	8x8 Shielded Covers, Gray - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-BK	8x8 Shielded Covers, Black - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-BL	8x8 Shielded Covers, Blue - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-GN	8x8 Shielded Covers, Green - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-IV	8x8 Shielded Covers, Ivory - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-RD	8x8 Shielded Covers, Red - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-WH	8x8 Shielded Covers, White - Pkg/50	12.50	11.50	10.50	9.50	CALL
TDS8CVR-YL	8x8 Shielded Covers, Yellow - Pkg/50	12.50	11.50	10.50	9.50	CALL
HTS2500	Crimp Tool for Shielded Plugs with Strain Relief, One Step	69.50	66.72	63.94	61.16	CALL
HTS2600	Crimp Tool for Shielded Plugs with Strain Relief, Two Step	79.50	76.32	73.14	69.96	CALL

How to assemble a TDS8PC5 and TDS8PC6 series shielded Category 5E and Category 6 modular plug

Online Video

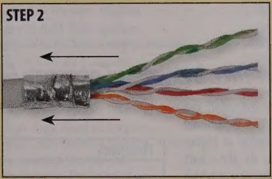
L-com.com/Videos/A22

STEP 1



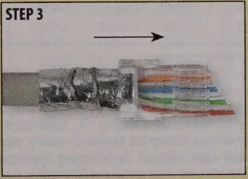
Strip jacketing and shield to dimensions shown.

STEP 2



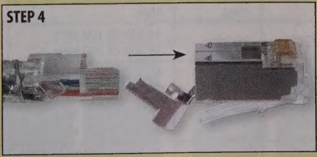
Fold shield back onto jacketing. Wrap drain wire one and a half times around shield. Trim excess.

STEP 3



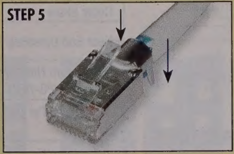
Untwist pairs and arrange to desired order. Trim conductors at an angle and insert into loading bar. Trim excess wires.

STEP 4



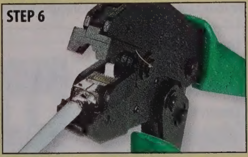
Insert prepared cable into plug.

STEP 5



Bend strain relief to lay along cable.

STEP 6

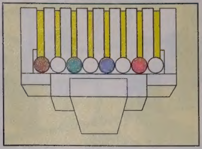


Crimp plug with the specially designed HTS2500 or HTS2600 crimp tool.

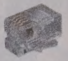
How to terminate a TDS8PC modular plug

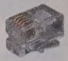
See the free video tip and
more at L-com.com/Videos/A22

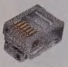
Standard Alignment

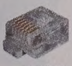


Rectangular Entry


TD4P4HS

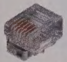

TD6P4C

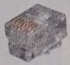

TD6P6C


TD6P6MMJ

TD8P8C

Radiused Entry


TDR6P4C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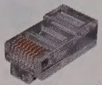
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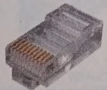
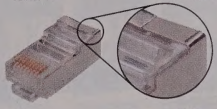
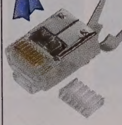
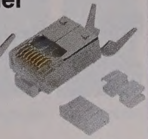

TDR10P10C


T8P8CSR

Close up of shielding

Best Seller


TDS8PC5
Pkg/50


TDS8PC6
Pkg/50

TDS8CVR-GR
(open)
Pkg/50

TDS8CVR-IV
(installed)

TDS8CVR-BK
Pkg/50

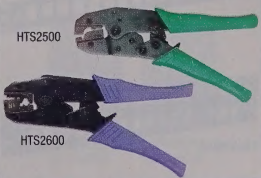
TDS8CVR-BL
Pkg/50

TDS8CVR-WH
Pkg/50

TDS8CVR-YL
Pkg/50

TDS8CVR-RD
Pkg/50

TDS8CVR-GN
Pkg/50


HTS2500

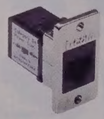
HTS2600

Exclusive

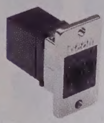
ECF504-C3

ECF504-SC3

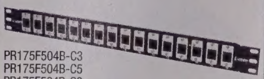
Best Seller


ECF504-C5

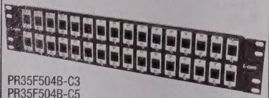
ECF504-SC5E

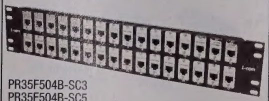

ECF504-C6

ECF504-SC6


PR175F504B-C3
PR175F504B-C5
PR175F504B-C6

PR175F504B-SC3
PR175F504B-SC5
PR175F504B-SC6


PR35F504B-C3
PR35F504B-C5
PR35F504B-C6


PR35F504B-SC3
PR35F504B-SC5
PR35F504B-SC6

PR175F504B

PR35F504B

Item #	Description	1-9	10-24	25-99	100-249	250-499

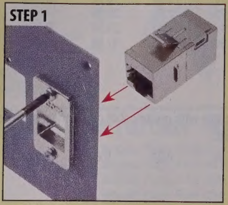
✓RoHS Premium Panel Mounted Modular Coupler Kits - Category 3, 5E and 6 - Shielded and Unshielded

These unique coupler kits allow panel mounting in virtually any panel thickness. A solid die-cast metal mounting frame provides secure mounting and reliable grounding. Kits include a snap-in coupler, mounting frame and two 4-40 machine screws.

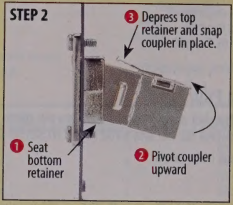
Item #	Description	1-9	10-24	25-99	100-249	250-499
ECF504-C3	Category 3 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	4.45	4.09	3.74	3.38	3.03
ECF504-SC3	Category 3 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	6.95	6.39	5.84	5.28	4.73
ECF504-C5	Category 5E Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	6.95	6.39	5.84	5.28	4.73
ECF504-SC5E	Category 5E Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	8.95	8.23	7.52	6.80	6.09
ECF504-C6	Category 6 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.95	7.31	6.68	6.04	5.41
ECF504-SC6	Category 6 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	9.95	9.15	8.36	7.56	6.77

Easily install a premium ECF coupler kit

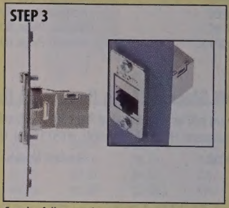
Online Video
L-com.com/Videos/A09



Secure frame in specified opening with supplied hardware and align coupler in proper orientation to the opening.



Seat bottom retainer and pivot coupler upward while depressing upper retainer.



Coupler fully seated.

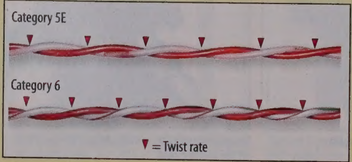
✓RoHS Telecom and Network Grade Patch Panels

These 19" (48.3cm) panels feature L-com's exclusive ECF series flange mounted feed-thru couplers. These couplers are available in Category 3, Category 5E or Category 6 in either shielded or non-shielded styles. The ECF series couplers are unique in that they use 2 4-40 screws to firmly attach the connector flange to the rack panel. The panels have a powder coat black finish for durability and each port is numbered to simplify cable organization and tracking. Both 16 and 32 port versions are available.

Item #	Description	1-9	10-24	25-99	100-249	250-499
PR175F504B-C3	1.75" (4.4cm) Panel with 16 Category 3 Couplers	129.95	124.75	119.55	114.36	109.16
PR175F504B-SC3	1.75" (4.4cm) Panel with 16 Category 3 Shielded Couplers	159.95	153.55	147.15	140.76	134.36
PR35F504B-C3	1.75" (8.9cm) Panel with 32 Category 3 Couplers	229.95	220.75	211.55	202.36	193.16
PR35F504B-SC3	1.75" (8.9cm) Panel with 32 Category 3 Shielded Couplers	299.95	287.95	275.95	263.96	251.96
PR175F504B-C5	1.75" (4.4cm) Panel with 16 Category 5E Couplers	169.95	163.15	156.35	149.56	142.76
PR175F504B-SC5	1.75" (4.4cm) Panel with 16 Category 5E Shielded Couplers	229.95	220.75	211.55	202.36	193.16
PR35F504B-C5	1.75" (8.9cm) Panel with 32 Category 5E Couplers	319.95	307.15	294.35	281.56	268.76
PR35F504B-SC5	1.75" (8.9cm) Panel with 32 Category 5E Shielded Couplers	399.95	383.95	367.95	351.96	335.96
PR175F504B-C6	1.75" (4.4cm) Panel with 16 Category 6 Couplers	199.95	191.95	183.95	175.96	167.96
PR175F504B-SC6	1.75" (4.4cm) Panel with 16 Category 6 Shielded Couplers	249.95	239.95	229.95	219.96	209.96
PR35F504B-C6	1.75" (8.9cm) Panel with 32 Category 6 Couplers	349.95	335.95	321.95	307.96	293.96
PR35F504B-SC6	1.75" (8.9cm) Panel with 32 Category 6 Shielded Couplers	429.95	412.75	395.55	378.36	361.16
PR175F504B	1.75" (4.4cm) Panel, 16 ECF Style Cutouts, Black	39.95	39.15	38.35	37.55	36.75
PR35F504B	1.75" (8.9cm) Panel, 32 ECF Style Cutouts, Black	39.95	39.15	38.35	37.55	36.75

Tip *What is the difference between Category 5E & Category 6 100 Ohm UTP?*

The Category 6 standard adopted in mid 2002 extended key parameters over Category 5E specifications. The additional headroom is intended to provide quality transmission at higher data rates required by emerging applications. As the chart indicates, the most prominent difference is the frequency at which the key parameters are measured. The jump from 100 to 250 MHz places a great deal of emphasis on component quality as well as installation techniques. This improvement is commonly noticed by the increased pair twisting and staggering of twisted pairs.



	Category 5E	Category 6
Frequency	100 MHz	250 MHz
Attenuation	22db	19.8db/100M @ 100 MHz 32.8db/100M @ 250 MHz
Return Loss	19db	19db @ 100 MHz 15.6db @ 250 MHz
Delay Skew	45ns	45ns
Near End Crosstalk (NEXT)	35.3db	44.3db @ 100 MHz 38.3db @ 250 MHz
Power Sum Near End Crosstalk (PS-NEXT)	32.3db	42.3db @ 100 MHz 36.3db @ 250 MHz
Equal Level Far End Crosstalk (ELFEXT)	23.8db	27.8db @ 100 MHz 19.8db @ 250 MHz
Power Sum Equal Level Far End Crosstalk (PS-ELFEXT)	20.8db	24.8db @ 100 MHz 16.8db @ 250 MHz

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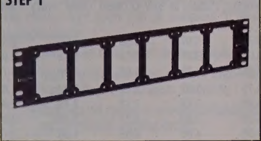
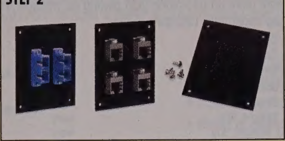
Tip Build Custom Configurations with L-com's Universal Rack Panel System

STEP 1



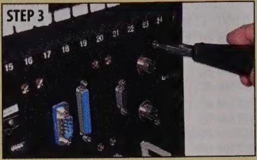
Start with the Master Rack Panel, UPR35-6B.

STEP 2



Now select a ready made sub-panel that works with your rack panel. See pages 226-230 for more variations.

STEP 3



Using a Phillips or Flat screwdriver, install your sub-panels in the master rack panel.

RoHS Universal Master Rack Panel with 6 Openings

L-com's Universal Series offers installers the ability to customize their installation with different connections within a single rack panel. The Universal Series panels can save time, money and rack space in an installation project. The master panels feature six punched rectangular openings that will accept any of the numerous sub-panels shown in this catalog. Sub-panel openings are 2.20" (5.6cm) x 2.75" (7.0cm).

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPR35-6B	Master Rack Panel	Black	24.95	23.95	22.95	21.96	20.96
UPR-S-KIT	Master Rack Panel with 6 Black Steel Blanks	Black	46.50	44.64	42.78	40.92	39.06
UPR-A-KIT	Master Rack Panel with 6 Black Aluminum Blanks	Black	46.50	44.64	42.78	40.92	39.06

RoHS Universal Series Blank Sub-Panels

Universal Series blank sub-panels can be used to cover unused openings or may be used to customize a panel assembly. These panels come in 3 different styles for users to choose from: black anodized aluminum, white high impact plastic, or black steel. The aluminum and plastic panels offer the easiest option for custom drilling or punching holes. The black steel panels are constructed of sturdy cold rolled steel for durability. Each sub-panel is equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
USPB	Universal Steel Blank Sub-Panel	Black	3.95	3.79	3.63	3.48	3.32
USP-A	Universal Aluminum Blank Sub-Panel	Black	3.95	3.79	3.63	3.48	3.32
USP-P	Universal Plastic Blank Sub-Panel	White	3.85	3.70	3.54	3.39	3.23

RoHS Universal Series Sub-Panels Featuring Telecom/Network Grade Connections

The Universal sub-panel series offers connections for telecom and network equipment. Choose between Category 3, Category 5E or Category 6 rated connections either shielded or non-shielded. Panel choices offer both feed-thru style couplers and jacks with 110 style punch terminations. Either 2 or 4 connections per panel can be chosen and blank panels are available for further customization. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
USP2ECF4SB	Sub-Panel with 2 ECF Style RJ11 (6x4) Couplers, Straight Wired		13.98	13.42	12.86	12.30	11.74
USP2ECF6SB	Sub-Panel with 2 ECF Style RJ12 (6x6) Couplers, Straight Wired		14.38	13.80	13.23	12.65	12.08
USP2ECF8SKB	Sub-Panel with 2 ECF Style RJ45K (8x8) Keyed Couplers, Straight Wired		15.98	15.34	14.70	14.06	13.42
USP2ECFB4SB	Sub-Panel with 2 ECF Style RJ11 (6x4) Couplers, Straight Wired		17.45	16.75	16.05	15.36	14.66
USP2ECFB6SB	Sub-Panel with 2 ECF Style RJ12 (6x6) Couplers, Straight Wired		17.85	17.14	16.42	15.71	14.99
USP2ECFB8SKB	Sub-Panel with 2 ECF Style RJ45K (8x8) Keyed Couplers, Straight Wired		19.85	19.06	18.26	17.47	16.67
USP2ECF-C3B	Sub-Panel with 2 Category 3 RJ45 (8x8) Couplers		21.35	19.64	17.93	16.23	14.52
USP2ECF-SC3B	Sub-Panel with 2 Category 3 RJ45 (8x8) Couplers, Shielded		25.85	23.78	21.71	19.65	17.58
USP2MC5B	Sub-Panel with 2 Category 5E RJ45 (8x8) Couplers		15.98	15.34	14.70	14.06	13.42
USP4MC5B	Sub-Panel with 4 Category 5E RJ45 (8x8) Couplers		25.98	24.94	23.90	22.86	21.82
USP2SMC5B	Sub-Panel with 2 Category 5E RJ45 (8x8) Couplers, Shielded		19.98	19.18	18.38	17.58	16.78
USP4SMC5B	Sub-Panel with 4 Category 5E RJ45 (8x8) Couplers, Shielded		33.98	32.62	31.26	29.90	28.54
USP2MC6B	Sub-Panel with 2 Category 6 RJ45 (8x8) Couplers		17.98	17.26	16.54	15.82	15.10
USP4MC6B	Sub-Panel with 4 Category 6 RJ45 (8x8) Couplers		29.98	28.78	27.58	26.38	25.18
USP2SMC6B	Sub-Panel with 2 Category 6 RJ45 (8x8) Couplers, Shielded		21.98	21.10	20.22	19.34	18.46
USP4SMC6B	Sub-Panel with 4 Category 6 RJ45 (8x8) Couplers, Shielded		37.98	36.46	34.94	33.42	31.90
USP2ECF-C5EB	Sub-Panel with 2 ECF Kit Category 5E RJ45 (8x8) Couplers		26.85	24.70	22.55	20.41	18.26
USP2ECF-SC5EB	Sub-Panel with 2 ECF Kit Category 5E RJ45 (8x8) Couplers, Shielded		30.85	28.38	25.91	23.45	20.98
USP2ECF-C6B	Sub-Panel with 2 ECF Kit Category 6 RJ45 (8x8) Couplers		29.85	27.46	25.07	22.69	20.30
USP2ECF-SC6B	Sub-Panel with 2 ECF Kit Category 6 RJ45 (8x8) Couplers, Shielded		33.85	31.14	28.43	25.73	23.02
USP2KC-R5EB	Sub-Panel with 2 Category 5E Right Angle Keystone Couplers		28.85	26.54	24.23	21.93	19.62
USP2KCS-R5EB	Sub-Panel with 2 Category 5E Right Angle Keystone Couplers, Shielded		32.85	30.22	27.59	24.97	22.34
USP4KC-R5EB	Sub-Panel with 4 Category 5E Right Angle Keystone Couplers		50.75	46.69	42.63	38.57	34.51
USP4KCS-R5EB	Sub-Panel with 4 Category 5E Right Angle Keystone Couplers, Shielded		58.75	54.05	49.35	44.65	39.95
USP238B	Blank Sub-Panel with 2 Keystone Openings, Pre-Punched		5.95	5.71	5.47	5.24	5.00
USP231B	Blank Sub-Panel with 4 Keystone Openings, Pre-Punched		5.95	5.71	5.47	5.24	5.00
USP229B	Blank Sub-Panel with 2 ECF Style Openings, Pre-Punched		5.95	5.71	5.47	5.24	5.00

Universal Series Sub-Panel Mounted Cable D-Ring

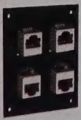
A D-Ring style cable manager mounted to a sub-panel allows a convenient way to secure cables on the rack panel.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
USP-CM134B	Sub-Panel Mounted Cable D-Ring		16.95	16.27	15.59	14.92	14.24

USP2KC-R5EB

USP4KC-R5EB

USP2KCS-R5EB

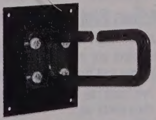


USP4KCS-R5EB

USP238B

USP231B

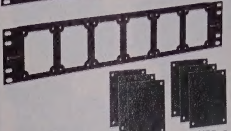
USP229B



USP-CM134B

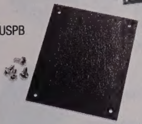
Best Seller

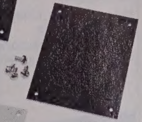
UPR35-6B



UPR-S-KIT
UPR-A-KIT

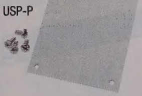
USPB





USP-A

USP-P



USP2ECF4SB

USP2ECF6SB

USP2ECF8SKB

USP2ECFB4SB

USP2ECFB6SB

USP2ECFB8SKB

USP2ECF-C3B
USP2ECF-C5EB
USP2ECF-C6B

USP2ECF-SC3B
USP2ECF-SC5EB
USP2ECF-SC6B

USP2MC5B
USP2MC6B

USP4MC5B
USP4MC6B

USP2SMC5B
USP2SMC6B

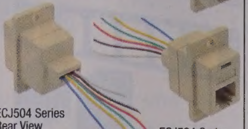
USP4SMC5B
USP4SMC6B

How to terminate a keystone style connector
See the free video tip and
more at L-com.com/Videos/A10

L-com Global Connectivity

ECF504 Series

Network Rating: Category 3
Color: Ivory
Gold Plating: 30 microinches
Flammability Rating: 94V-0



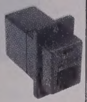
ECJ504 Series
Rear View

ECJ504 Series
Front View

Color: Ivory
Gold Plating: 30 microinches
Flammability Rating: 94V-0

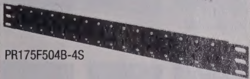
ECF504B Series

Network Rating: Category 3
Color: Black
Gold Plating: 50 microinches
Flammability Rating: 94V-0



PR175F504B-6S

PR35F504B-6S



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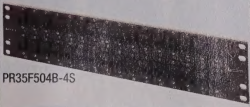
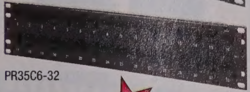


PR35F504B-4S

PR175UT568

PR35UT568

PR175C6-16



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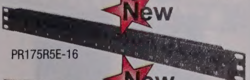
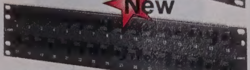


PR175R5E-16



PR35R5E-32

RoHS Deluxe Panel Mounted Modular Couplers, 30 Microinches Gold, Ivory Color

These straight and cross wired modular couplers are available exclusively from L-com. Eight different configurations all fit into the same 0.675" (1.7cm) x 0.900" (2.3cm) rectangular opening. Wire contacts have 30 microinch gold plating for multiple insertions. Plastic is 94V-0 rated. Color: Ivory. Flange accepts #4 or #5 mounting screws to be purchased separately. Category 3 rated.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-4C	Modular Coupler, RJ11 (6x4), Crossed, 30µ	Ivory	3.75	3.67	3.52	3.30	2.81
ECF504-6C	Modular Coupler, RJ12 (6x6), Crossed, 30µ	Ivory	3.95	3.87	3.71	3.48	2.96
ECF504-8C	Modular Coupler, RJ45 (8x8), Crossed, 30µ	Ivory	4.95	4.85	4.65	4.36	3.71
ECF504-4S	Modular Coupler, RJ11 (6x4), Straight, 30µ	Ivory	3.75	3.67	3.52	3.30	2.81
ECF504-6S	Modular Coupler, RJ12 (6x6), Straight, 30µ	Ivory	3.95	3.87	3.71	3.48	2.96
ECF504-6SMJ	Modular Coupler, MMJ (6x6), Straight, 30µ	Ivory	3.95	3.87	3.71	3.48	2.96
ECF504-8SK	Modular Coupler, RJ45 (8x8K), Straight, 30µ	Ivory	4.95	4.85	4.65	4.36	3.71
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS Deluxe Panel Mounted Modular Jacks - 10" Wire Leads, 30 Microinches Gold, Ivory Color

One difficulty in using modular jacks is the mounting problem on a panel. L-com's solution to this problem is providing a flange that mounts with two screws in a 0.675" (1.7cm) x 0.900" (2.3cm) rectangular opening. Choice of RJ11/12 (6x6) or RJ45 (8x8K) usable with keyed or non-keyed plugs. Custom versions of other jack types considered in quantities of 500/up. Mounting screws must be purchased separately.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECJ504-6	Modular Panel Jack, RJ12 (6x6) / Wires, 30µ	Ivory	3.95	3.87	3.71	3.48	2.96
ECJ504-8	Modular Panel Jack, RJ45K (8x8K), / Wires, 30µ	Ivory	4.29	4.20	4.03	3.78	3.22
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS Deluxe Panel Mounted Couplers, 50 Microinches Gold, Black Color

These couplers are similar to the ECF504 Series with two changes. The molding has been changed to a Black color for applications when Ivory is not wanted. Also, the contacts have 50 microinches of gold for superior mating with modular plugs. Mounting screws must be purchased separately. Category 3 rated.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504B-4S	Modular Coupler, RJ11 (6x4), Straight, 50µ	Black	3.75	3.67	3.52	3.30	2.81
ECF504B-6S	Modular Coupler, RJ12 (6x6), Straight, 50µ	Black	3.95	3.87	3.71	3.48	2.96
ECF504B-8SK	Modular Coupler, RJ45K (8x8K), Straight, 50µ	Black	4.95	4.85	4.65	4.36	3.71
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS 19" (48.3cm) Patch Panels - Equipped with 16 or 32 ECF504 Series Modular Couplers

These 19" (48.3cm) patch panels utilize the ECF504 series couplers. For your convenience, two panel heights are offered; 1.75" (4.4cm) with 16 modular adapters or 3.50" (8.9cm) with 32 modular adapters. Panel legend is 1-16 or 1-32. Color: Bone. Available with straight-thru wiring.

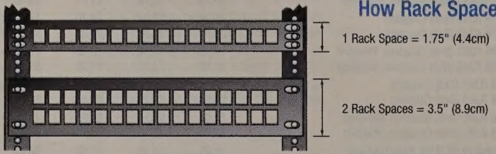
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
PR175F504B-6S	1.75" (4.4cm) 16 Port Panel RJ12 (6x6), Straight-Thru	Black	82.95	76.31	69.68	63.04	CALL
PR175F504B-8SK	1.75" (4.4cm) 16 Port Panel RJ45 (8x8), Straight, Keyed	Black	89.95	82.75	75.56	68.36	CALL
PR35F504B-6S	3.50" (8.9cm) 32 Port Panel RJ12 (6x6), Straight-Thru	Black	144.95	133.35	121.76	110.16	CALL
PR35F504B-8SK	3.50" (8.9cm) 32 Port Panel RJ45 (8x8), Straight, Keyed	Black	169.95	156.35	142.76	129.16	CALL

RoHS 19" (48.3cm) Modular Patch Panels - Equipped with 16 or 32 ECF504B Modular Couplers

These panels utilize the ECF504B couplers with 50 microinch plating. 16 and 32 port available. Straight thru pinned only. Color: Black.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
PR175F504B-4S	1.75" (4.4cm) 16 Port Panel RJ11 (6x4), Straight-Thru	Black	74.95	68.95	62.96	56.96	CALL
PR175F504B-6S	1.75" (4.4cm) 16 Port Panel RJ12 (6x6), Straight-Thru	Black	82.95	76.31	69.68	63.04	CALL
PR175F504B-8SK	1.75" (4.4cm) 16 Port Panel RJ45 (8x8), Straight, Keyed	Black	89.95	82.75	75.56	68.36	CALL
PR35F504B-4S	3.50" (8.9cm) 32 Port Panel RJ11 (6x4), Straight-Thru	Black	129.95	119.55	109.16	98.76	CALL
PR35F504B-6S	3.50" (8.9cm) 32 Port Panel RJ12 (6x6), Straight-Thru	Black	144.95	133.35	121.76	110.16	CALL
PR35F504B-8SK	3.50" (8.9cm) 32 Port Panel RJ45 (8x8), Straight, Keyed	Black	169.95	156.35	142.76	129.16	CALL

How Rack Spaces and Sizes are Measured



Racks are a great way to neaten up wiring closets and labs. Network equipment and rack panels usually come in 1.75" (4.4cm), 3.5" (8.9cm) and 5.25" (13.3cm) heights. (1, 2 and 3 rack spaces).

RoHS Premium Keystone Style - 16 and 32 Port Feed-Thru Modular Panels, Category 5E Rated

These 19" (48.3cm) rack panels utilize the UJ5T568 and UJ5T568S couplers. 16 and 32 port versions available in shielded and unshielded configurations. Category 5E rated. Color: Black.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
PR175UT568	1.75" (4.4cm) 16 Port Cat. 5E Feed-Thru Panel, Unshielded	Black	179.95	165.55	151.16	136.76	CALL
PR175UT568S	1.75" (4.4cm) 16 Port Cat. 5E Feed-Thru Panel, Shielded	Black	199.95	183.95	167.96	151.96	CALL
PR35UT568	3.50" (8.9cm) 32 Port Cat. 5E Feed-Thru Panel, Unshielded	Black	299.95	275.95	251.96	227.96	CALL
PR35UT568S	3.50" (8.9cm) 32 Port Cat. 5E Feed-Thru Panel, Shielded	Black	379.95	349.55	319.16	288.76	CALL

RoHS Keystone Style - 16 and 32 Port Feed-Thru Modular Panels - Category 6 Rated

These rack panels utilize the TDG1026KC6 or TDG1026KS-C6 Category 6 couplers. 16 and 32 port versions are available in shielded and unshielded configurations. Color: Black.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
PR175C6-16	1.75" (4.4cm) 16 Port Cat. 6 Feed-Thru Panel, Unshielded	Black	189.95	174.75	159.56	144.36	CALL
PR175C6-16S	1.75" (4.4cm) 16 Port Cat. 6 Feed-Thru Panel, Shielded	Black	239.95	220.75	201.56	182.36	CALL
PR35C6-32	3.50" (8.9cm) 32 Port Cat. 6 Feed-Thru Panel, Unshielded	Black	319.95	294.35	268.76	243.16	CALL
PR35C6-32S	3.50" (8.9cm) 32 Port Cat. 6 Feed-Thru Panel, Shielded	Black	369.95	340.35	310.76	281.16	CALL

RoHS Right Angle Keystone Style - 16 and 32 Port Feed-Thru Modular Panels - Category 5E Rated

Unique, high speed network patching is made easy with L-com's right angle Keystone coupler patch panels. L-com's low-profile, 90 degree Keystone couplers are pre-installed into standard 19" rack panels, providing an easy method for addressing tight fit applications. These couplers offer a true 90 Degree exit from the cable entry point.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
PR175R5E-16	1.75" (4.4cm) 16 Port, RA, Cat. 5E Feed-Thru Panel, Unshielded	Black	129.98	119.58	109.18	98.78	CALL
PR175SR5E-16	1.75" (4.4cm) 16 Port, RA, Cat. 5E Feed-Thru Panel, Shielded	Black	149.98	137.98	125.98	113.98	CALL
PR35R5E-32	3.50" (8.9cm) 32 Port, RA, Cat. 5E Feed-Thru Panel, Unshielded	Black	229.98	211.58	193.18	174.78	CALL
PR35SR5E-32	3.50" (8.9cm) 32 Port, RA, Cat. 5E Feed-Thru Panel, Shielded	Black	254.98	234.58	214.18	193.78	CALL

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Download CAD models and 2D drawings for integrating into your projects. L-com.com/CadDemo

L-com's Exclusive Right Angle Category 5E Keystone Couplers

An exclusive product design from L-com, these new right angle Category 5E couplers offer true 90° connectivity and meet Category 5E standards. These unique right angle keystone couplers were designed to address tight fit applications commonly seen with wall plates and some patch panel designs. These robust right angle Cat 5E couplers fit standard .765" (0.3cm) X .585" (0.2cm) keystone openings and can be used for myriad voice, video and data applications.

Features of this right angle coupler:

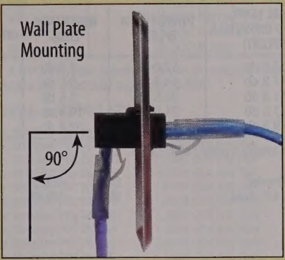
- High Performance Cat 5E right angle coupler for panel, wall plate and enclosure mounting
- Gold plated contacts provide reliable connections with repeated mating cycles
- EIA568A/B dual wiring provides compatibility in every installation
- RJ45 jacks conform to TIA-1096
- Meets or exceeds Category 5E standards

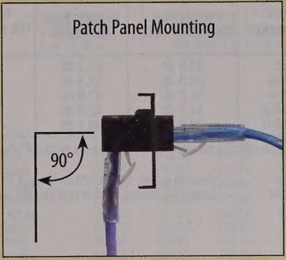
✓RoHS Right Angle Category 5E Keystone Coupler

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDG1026KC-R5E	Category 5E Unshielded RJ45 (8x8) Right Angle Keystone Coupler	7.95	7.31	6.68	6.04	5.41
TDG1026KCS-R5E	Category 5E Shielded RJ45 (8x8) Right Angle Keystone Coupler	9.95	9.15	8.36	7.56	6.77

Tip *Using L-com's right angle Cat 5E coupler*

The unique design of the L-com TDG1026KC-R5E right angle Cat5E coupler allows for cable connectivity in tight fit/confined space applications found with premise wiring installations involving wall plates and with MDF and IDF applications where patch panel depth is limited.





✓RoHS Premium Panel Mounted Modular Coupler Kits - Category 3, 5E and 6 - Shielded and Unshielded

These unique coupler kits allow panel mounting in virtually any panel thickness. A solid die-cast metal mounting frame provides secure mounting and reliable grounding. Kits include a snap-in coupler, mounting frame and two 4-40 machine screws.

Item #	Description	1-9	10-24	25-99	100-249	250-499
ECF504-C3	Category 3 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	4.45	4.09	3.74	3.38	3.03
ECF504-SC3	Category 3 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	6.95	6.39	5.84	5.28	4.73
ECF504-C5	Category 5E Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	6.95	6.39	5.84	5.28	4.73
ECF504-SC5E	Category 5E Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	8.95	8.23	7.52	6.80	6.09
ECF504-C6	Category 6 Unshielded RJ45 (8x8) Deluxe Panel Coupler Kit	7.95	7.31	6.68	6.04	5.41
ECF504-SC6	Category 6 Shielded RJ45 (8x8) Deluxe Panel Coupler Kit	9.95	9.15	8.36	7.56	6.77

✓RoHS RJ45 (8x8) Keystone Feed-Thru Couplers - Shielded and Unshielded Category 3, 5E and 6

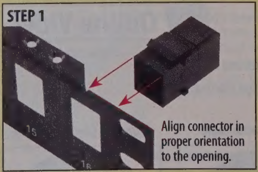
These couplers utilize two RJ45 (8x8) modular jacks and fit into a standard keystone style opening. A slim housing design permits high density mounting. Couplers listed include Category 3, Category 5E and Category 6 performance ratings in both shielded and unshielded versions. Connector housings enclosed within a fully stamped shielding. Designed to work with EIA/TIA 568A and B wiring.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TDG1026KC3	Category 3 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	2.25	2.07	1.89	1.71	1.53
TDG1026KS-8P	Category 3 Shielded RJ45 (8x8) Keystone Feed-thru Coupler	4.95	4.55	4.16	3.76	3.37
TDG1026KC5	Category 5E Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	4.95	4.55	4.16	3.76	3.37
TDG1026KS-C5E	Category 5E Shielded RJ45 (8x8) Keystone Feed-thru Coupler	6.95	6.39	5.84	5.28	4.73
TDG1026KC6	Category 6 Unshielded RJ45 (8x8) Keystone Feed-thru Coupler	5.95	5.47	5.00	4.52	4.05
TDG1026KS-C6	Category 6 Shielded RJ45 (8x8) Keystone Feed-thru Coupler	7.95	7.31	6.68	6.04	5.41

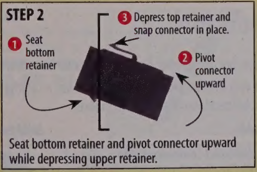
Easily panel mount a keystone style connector

Keystone style refers to the snap-in mounting mechanism that many manufacturers have adopted.

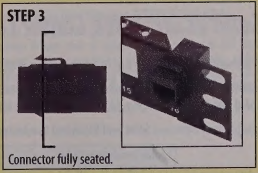
Online Video
L-com.com/Videos/A10



Align connector in proper orientation to the opening.



Seat bottom retainer and pivot connector upward while depressing upper retainer.



Connector fully seated.

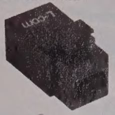
✓RoHS Premium Keystone Style RJ45 (8x8) Feed-Thru Modular Couplers - Category 5E Rated

Two Category 5E feed-thru modular couplers for mating EIA568 A or B Category 5 connections. In both shielded and unshielded versions, this unique offset design maintains Category 5E performance and limits depth to only 1.25" (0.5cm). Designed to mate with keystone style holes. Color: Black or Silver.

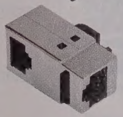
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UJ5T568	Modular Coupler, Cat. 5E RJ45 (8x8), Unshielded	Black	9.95	9.15	8.36	7.56	6.77
UJ5T568S	Modular Coupler, Cat. 5E RJ45 (8x8), Shielded	Silver	11.95	10.99	10.04	9.08	8.13

Exclusive

TDG1026KC-R5E



TDG1026KC-R5E Bottom/Back View

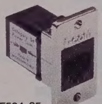


TDG1026KCS-R5E Bottom/Front View

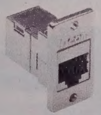
Exclusive

ECF504-C3

ECF504-SC3

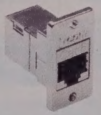


ECF504-C5

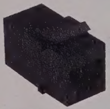


ECF504-SC5E

ECF504-C6



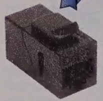
ECF504-SC6



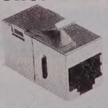
TDG1026KC3

TDG1026KS-8P

Best Seller



TDG1026KC5



TDG1026KS-C5E

TDG1026KC6

TDG1026KS-C6

UJ5T568
(Unshielded)

UJ5T568S
(Shielded)

Network Rating: Category 5E
Color: Black or Silver
Gold Plating: 50 microinches
Flammability Rating: 94V-0

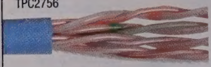
To see our entire product offering
go to...L-com.com

L-com® Global Connectivity

Category 6

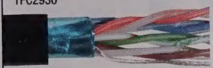
TC5050

TPC2756

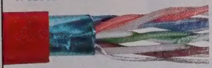


Category 6 Hi-Speed

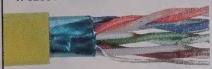
TFC2930



TFC2932



TFC2934

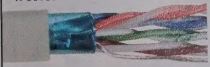


TFC2936

TFC2939

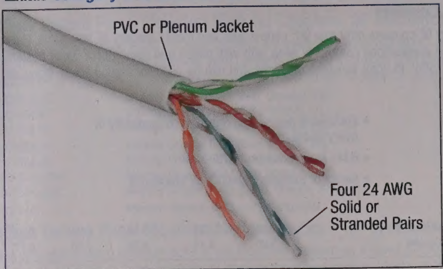
TFC2940

TFC6101

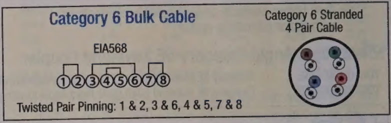


TFCLS6001

☑RoHS Category 6 to 250 MHz UTP Bulk Cable - Maximum Performance for LAN Environments



Maximize performance in your next cabling project with L-com's Category 6 twisted pair cabling. Designed for today's hi-speed gigabit networks. This series is EIA568 color-coded for compatibility with standard installations. Solid conductors terminate easily into standard IDC connectors and panels. Designed to exceed EIA568B standards, this cable will easily handle Gigabit Ethernet applications.



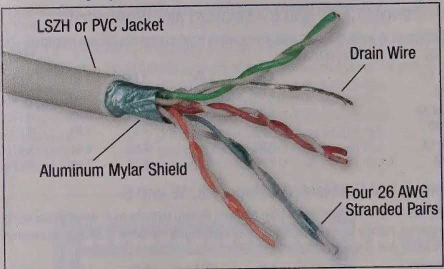
Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

FREQUENCY	NEAR END CROSSTALK (NEXT)	POWER SUM NEXT LOSS	EQUAL LEVEL FAR END CROSSTALK (EFLEXT)	POWER SUM EFLEXT	INSERTION LOSS	ATTENUATION	IMPEDANCE
4 MHz	65.3 db	63.3 db	55.8 db	52.8 db	3.8 db	3.8 db	100 Ohms ± 15 Ohms
10 MHz	59.3 db	57.3 db	47.8 db	44.8 db	6 0 db	6 0 db	100 Ohms ± 15 Ohms
20 MHz	54.8 db	52.8 db	41.8 db	38.8 db	8.5 db	8.6 db	100 Ohms ± 15 Ohms
100 MHz	44.3 db	42.3 db	27.8 db	24.8 db	19.8 db	20.2 db	100 Ohms ± 15 Ohms
250 MHz	38.3 db	36.3 db	19.8 db	16.8 db	32.8 db	33.8 db	100 Ohms ± 15 Ohms

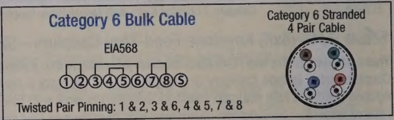
This table refers to the electrical specifications of TPC2756, other Category 6 cabling is similar.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TC5050	Category 6, PVC, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Blue	229.95	225.35	220.75	216.15	211.55
TPC2756	Category 6, Plenum, 1,000ft (304.8m) Pull Box, 4 Pr. Solid	Blue	399.00	391.02	383.04	375.06	367.08

☑RoHS Category 6 Hi-Speed Shielded Network Bulk Cable



For Protection against EMI/RFI interference L-com's High-Performance Category 6 Shielded bulk cable is the perfect choice. Designed for today's hi-speed gigabit networks, this Category 6 cable from L-com is made to out-perform all others. With a 100% foil shield covering 4-Pair 26AWG stranded conductors, your data is protected from interference. Designed to exceed EIA568B standards, this cable will easily handle Gigabit Ethernet applications.



Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TFC2930	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Black	349.00	342.02	335.04	328.06	321.08
TFC2932	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Red	349.00	342.02	335.04	328.06	321.08
TFC2934	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Yellow	349.00	342.02	335.04	328.06	321.08
TFC2936	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Blue	349.00	342.02	335.04	328.06	321.08
TFC2939	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	White	349.00	342.02	335.04	328.06	321.08
TFC2940	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Beige	349.00	342.02	335.04	328.06	321.08
TFC6101	Category 6 Shielded, 4 Pr. Stranded PVC 26 AWG, 1,000ft (304.8m) Reel	Gray	349.00	342.02	335.04	328.06	321.08
TFCLS6001	Category 6 Shielded, 4 Pr. Stranded LSZH 26 AWG, 1,000ft (304.8m) Reel	Gray	499.00	489.02	479.04	469.06	459.08

Solid vs Stranded Center Conductors

Online Video
L-com.com/Videos/A19

In network cabling there are two distinct types of cable that are offered. Each type of cable has advantages and disadvantages:

Stranded cable, used on workstation patch cords, is very flexible and easily bends but has a slightly higher attenuation factor.

Solid cable, used in horizontal runs, is stiff but offers better transmission performance.

Comparison Between Solid and Stranded Conductor Cable

	Solid Conductor Cable	Stranded Conductor Cable
Advantages	Lowest Cost Best Transmission Performance Terminates to IDC110 Blocks/Jacks	Very Flexible Easy Plug Termination
Disadvantages	Not Flexible Difficult to terminate to plug	Higher Cost Recommended Distance (<10m) Higher Attenuation Cannot connect to IDC 110 blocks

Solid Conductor Cable

Stranded Conductor Cable

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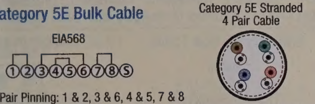
Tips
Easy-to-understand tips to help with some of today's popular product applications. L-com.com/Tips

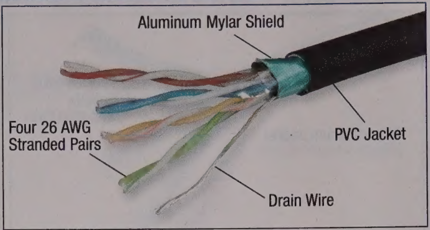
Shielded (FTP) 5E to 100 MHz Bulk Cable - Help Suppress Noise in Networks - 2 and 4 Pair

Screened (shielded) twisted pair is ideal for use in environments where EMI/RFI is a concern. A foil wrap with a drain wire protects signals from external noise. Available in stranded 26 AWG conductor with PVC and Low Smoke Zero Halogen jackets. Double shielded (foil + braid) 24 AWG solid is now available for use where extra noise protection is required. Plenum version is 24 AWG solid conductor. Sold in 1000' (304.8m) spools.

Category 5E Bulk Cable



Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8



FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
4 MHz	53 db min.	13 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
10 MHz	47 db min.	20 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
20 MHz	42 db min.	28 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
100 MHz	32 db min.	67 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms

This table refers to the electrical specifications of TFPC2648, other Screened Category 5E cabling is similar.
TFC2002, TFC2004, TFC2006, TFDL2004, TFCLS2004 and TFCHF2004 cables are 26 AWG.

☑RoHS Category 5E PVC Bulk Cable with Foil Shield

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFC2002	Category 5E Shielded, 2-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Beige	229.00	224.42	219.84	215.26
TFC2004	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Lt. Gray	259.00	253.82	248.64	243.46
TFC2006	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Red	259.00	253.82	248.64	243.46
TFC2900	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Black	259.00	253.82	248.64	243.46
TFC2901	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Brown	259.00	253.82	248.64	243.46
TFC2903	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Orange	259.00	253.82	248.64	243.46
TFC2904	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Yellow	259.00	253.82	248.64	243.46
TFC2905	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Green	259.00	253.82	248.64	243.46
TFC2906	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Blue	259.00	253.82	248.64	243.46
TFC2907	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Violet	259.00	253.82	248.64	243.46
TFC2908	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Gray	259.00	253.82	248.64	243.46
TFC2909	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	White	259.00	253.82	248.64	243.46

☑RoHS Category 5E Plenum Bulk Cable with Foil Shield

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFPC2648	Category 5E, 4-pr. Solid Plenum	1,000ft (304.8m) Reel	Blue	499.00	489.02	479.04	469.06

☑RoHS Category 5E PVC Bulk Cable with Foil + Braid Shielding

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFSC2004	Category 5E Shielded, 4-pr. Solid PVC 24 AWG	1,000ft (304.8m) Reel	Ivory	399.00	391.02	383.04	375.06

☑RoHS Category 5E Low Smoke Zero Halogen Bulk Cable with Foil Shield

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFCLS2004	Category 5E Shielded, 4-pr. Stranded LSZH	1,000ft (304.8m) Reel	Black	479.00	469.42	459.84	450.26

☑RoHS Category 5E Low Smoke Zero Halogen Bulk Cable with Foil + Braid Shielding

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFDL2004	Category 5E Shielded, 4-pr. Stranded LSZH 26 AWG	1,000ft (304.8m) Reel	Lt. Gray	499.00	479.04	459.08	439.12
TFDL2104	Category 5E Shielded, 4-pr. Solid LSZH 24 AWG	1,000ft (304.8m) Reel	Lt. Gray	399.00	383.04	367.08	351.12

☑RoHS Category 5E PUR Double Shielded Industrial Ethernet Bulk Cable

Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFCPUR5730	Cat 5E, Double Shielded, PUR 4-pr. Stranded, 26 AWG	1,000ft (304.8m) Reel	Black	949.00	CALL	CALL	CALL

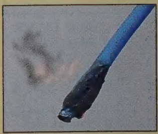
☑RoHS Category 5E Shielded Continuous Hi-Flex Oil Resistant Industrial Ethernet Bulk Cable

Designed for environments where ordinary cables fail, this exclusive ultra flexible Category 5E shielded bulk cable from L-com is built to take a beating. With a Halogen-Free PUR jacket, these Hi-Flex cables will not breakdown when exposed to oil based lubricants making it ideal for robotic control systems on the factory floor. TFCHF2004 is tested to 2.5 million flex cycles (12.5 X cable O.D. min. radius). TFCLS2005 is tested to 10 Million flex cycles (20 X cable O.D. min radius).

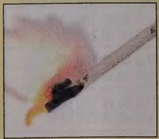
Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
TFCHF2004	Cat 5E Shielded, 4-pr. Stranded Hi-Flex, 26 AWG	1,000ft (304.8m) Reel	Teal	2995.00	2935.10	2875.20	2815.30
TFCLS2005	Cat 5E Shielded, 4-pr. Stranded Extreme Hi-Flex, 26 AWG	1,000ft (304.8m) Reel	Teal	1449.00	1420.02	1391.04	1362.06

Understanding cable flammability ratings

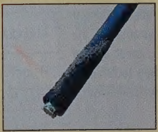
Online Video
L-com.com/Videos/A20



Plenum (CMP) Rated Cable
Complies with NFPA-262 and UL-910. It is the only cable allowed in spaces defined as air plenums such as raised flooring systems and air handling ducts. Plenum cables must self extinguish and not re-ignite.



Riser (CMR) Rated Cable
Complies with UL-1666. Defined for usage in vertical tray applications such as cable runs between floors through cable risers or in elevator shafts. These cables must self extinguish.

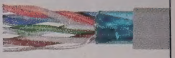


Low Smoke Zero Halogen (LSZH) Rated Cable
Used in shipboard applications and computer networking rooms where toxic or acidic smoke and fumes can injure people and/or equipment. Examples of Halogens include Fluorine, Chlorine, Bromine and Iodine. These materials when burned produce acidic smoke that can cause harm. These cables will self extinguish.

General Purpose (CM, CMG, CMx) Cable
Complies with UL-1581 testing. They will burn and partially self extinguish. Not for use between building floors or in air plenum spaces. Often these cables are used for workstation cables and patch cords.

Screened Category 5E

TFC2002

TFC2004


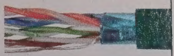
TFC2006

TFC2900

TFC2901

TFC2903

TFC2904

TFC2905


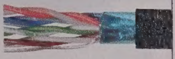
TFC2906

TFC2907

TFC2908

TFC2909

TFPC2648

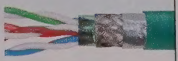
TFCLS2004


TFSC2004,
TFDL2004,
TFDL2104

Industrial Category 5E

TFCPUR5730

TFCHF2004

TFCLS2005


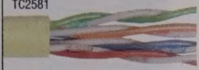
What is the difference in flammability ratings?
See the free video tip and
more at L-com.com/Videos/A20

Category 5E

TC2379

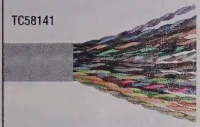
TC2380

TC2581



TPC2567

TC58141

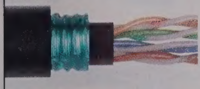


TPC58142

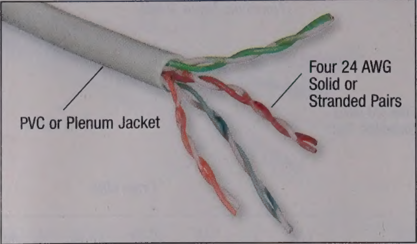
Outdoor Category 5E

TOAC2004

TOBC2004

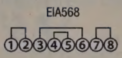


☑RoHS Category 5E to 100 MHz - Hi-Speed UTP for LAN and Emerging Applications

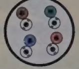


Unshielded twisted pair has become the cabling of choice in voice and data applications. Low cost and easy installation are driving popularity. As new higher speed applications emerge, higher performance from cabling systems is required. Category 5E performance requirements add margin over existing Category 5 specifications to support more robust, bi-directional signaling schemes over all four pairs. Applications supported include: 10Base-T, 100Base-T, 100Base-TX, 1000Base-T, 100BaseVG-Any-LAN, 155Mbps ATM and a number of emerging multimedia applications.

Category 5E Bulk Cable



Category 5E Stranded 4 Pair Cable



Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8

FREQUENCY	NEAR END CROSSTALK (NEXT)	POWER SUM NEXT LOSS	EQUAL LEVEL FAR END CROSSTALK (EFLEXT)	POWER SUM EFLEXT	RETURN LOSS	ATTENUATION	IMPEDANCE
4 MHz	56.3 db	53.3 db	51.7 db	48.7 db	23 db	4.1 db	100 Ohms ± 15 Ohms
10 MHz	50.3 db	47.3 db	43.8 db	40.8 db	25 db	6.5 db	100 Ohms ± 15 Ohms
20 MHz	45.8 db	42.8 db	37.7 db	34.7 db	25 db	9.3 db	100 Ohms ± 15 Ohms
100 MHz	35.3 db	32.3 db	23.8 db	20.8 db	20.1 db	22 db	100 Ohms ± 15 Ohms

This table refers to the electrical specifications of TC2379, other Category 5E cabling is similar.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TC2379	Category 5E, PVC Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Beige	99.00	97.02	95.04	93.06	91.08
TC2737	Category 5E, PVC Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Gray	99.00	97.02	95.04	93.06	91.08
TC58141	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 25 Pr. Solid	Gray	1895.95	1858.03	1820.11	1782.19	1744.27
TC2380	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 2 Pr. Stranded	Beige	159.00	155.82	152.64	149.46	146.28
TC2382	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Beige	229.00	224.42	219.84	215.26	210.68
TC2581	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Yellow	229.00	224.42	219.84	215.26	210.68
TC2589	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Red	229.00	224.42	219.84	215.26	210.68
TC2590	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Green	229.00	224.42	219.84	215.26	210.68
TC2599	Category 5E, PVC Bulk, 1,000ft (304.8m) Reel, 4 Pr. Stranded	Blue	229.00	224.42	219.84	215.26	210.68
TPC2347	Category 5E, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	White	219.00	214.62	210.24	205.86	201.48
TPC2567	Category 5E, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Blue	219.00	214.62	210.24	205.86	201.48
TPC58142	Category 5E, Plenum Bulk, 1,000ft (304.8m) Reel, 25 Pr. Solid	Gray	3999.00	3919.02	3839.04	3759.06	3679.08

☑RoHS Category 5E Outdoor UV Resistant Gel-Filled Bulk Cable - Ethernet Grade Cable for Outdoor Usage

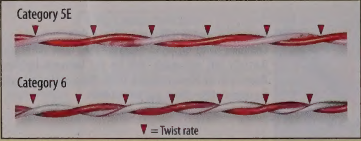
Protect Ethernet cable runs outside with L-com's outdoor Category 5E rated twisted pair cabling. The gel-filled jacket provides moisture protection when used in an outdoor environment. With the UV protected jacket, outdoor cable runs are protected from damage caused by sunlight exposure: The cable is EIA568 color-coded for compatibility with standard installations and features solid conductors for termination into standard IDC connectors. Order online today!

FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
4 MHz	53 dB min.	4.1 dB/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
10 MHz	47 dB min.	6.5 dB/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
20 MHz	42 dB min.	9.3 dB/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
100 MHz	32 dB min.	22 dB/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TOAC2004	Cat. 5E, Outdoor Aerial/Duct, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	249.95	244.95	239.95	234.95	229.95
TOBC2004	Cat. 5E, Outdoor Direct Burial, 1,000ft (304.8m) Reel, 4 Pr. Solid	Black	549.00	CALL	CALL	CALL	CALL

Tip *What is the difference between Category 5E & Category 6 100 Ohm UTP?*

The Category 6 Standard adopted in mid 2002 extended key parameters over 5E specifications. The additional headroom is intended to provide quality transmission at higher data rates required by emerging applications. As the chart indicates, the most prominent difference is the frequency at which the key parameters are measured. The jump from 100 to 250 Mhz places a great deal of emphasis on component quality as well as installation techniques. This improvement is commonly noticed by the increased pair twisting and staggering of twisted pairs.



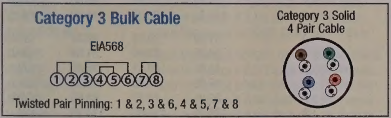
	Category 5E	Category 6
Frequency	100 MHz	250 MHz
Attenuation	22 db	19.8 db/100M @ 100 MHz 32.8 db/100M @ 250 MHz
Return Loss	19 db	19 db @ 100 MHz 15.6 db @ 250 MHz
Delay Skew	45 ns	45 ns
Near End Crosstalk (NEXT)	35.3 db	44.3 db @ 100 MHz 38.3 db @ 250 MHz
Power Sum Near End Crosstalk (PS-NEXT)	32.3 db	42.3 db @ 100 MHz 36.3 db @ 250 MHz
Equal Level Far End Crosstalk (ELFEXT)	23.8 db	27.8 db @ 100 MHz 19.8 db @ 250 MHz
Power Sum Equal Level Far End Crosstalk (PS-ELFEXT)	20.8 db	24.8 db @ 100 MHz 16.8 db @ 250 MHz

L-com® Global Connectivity

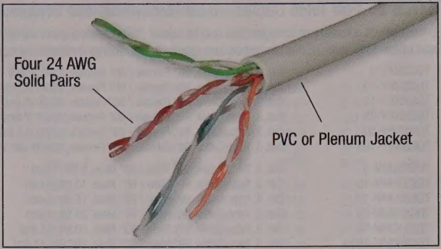
What is the difference between stranded and solid cable?
See the free video tip and
more at L-com.com/Videos/A19

☑RoHS Category 3 to 16 MHz - Medium Speed UTP - 2, 3, 4, 12 and 25 Pair Solid Conductor

Category 3 twisted pair cabling is the perfect choice to control cost when low speed telephone or data is required. This PVC-jacketed cable is EIA568 color-coded for compatibility with standard installations. Category 3 cabling is perfect for telephone and low speed data applications. Solid conductors terminate easily into standard IDC connectors and panels. Available in PVC or Plenum rated jacket styles.



Twisted Pair Pinning: 1 & 2, 3 & 6, 4 & 5, 7 & 8



FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
1 MHz	41 db min.	2.6 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
4 MHz	32 db min.	5.6 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
10 MHz	26 db min.	9.7 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms
16 MHz	23 db min.	13.1 db/330 ft max.	20 pF/ft Max	100 Ohms ± 15 Ohms

This table refers to the electrical specifications of TC3559, other Category 3 cabling is similar.

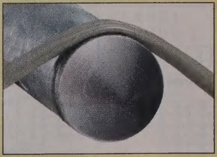
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TC3559	Category 3, PVC Bulk, 1,000ft (304.8m) Box, 2 Pr. Solid	Gray	59.95	58.75	57.55	56.35	55.15
TC3561	Category 3, PVC Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Gray	99.95	97.95	95.95	93.95	91.95
TC3567	Category 3, PVC Bulk, 1,000ft (304.8m) Reel, 12 Pr. Solid	Gray	299.00	293.02	287.04	281.06	275.08
TC3570	Category 3, PVC Bulk, 1,000ft (304.8m) Reel, 25 Pr. Solid	Gray	579.00	567.42	555.84	544.26	532.68
TPC4756	Category 3, Plenum Bulk, 1,000ft (304.8m) Box, 2 Pr. Solid	Green	99.95	97.95	95.95	93.95	91.95
TPC4757	Category 3, Plenum Bulk, 1,000ft (304.8m) Box, 3 Pr. Solid	Green	119.95	117.55	115.15	112.75	110.35
TPC4758	Category 3, Plenum Bulk, 1,000ft (304.8m) Box, 4 Pr. Solid	Green	129.95	127.35	124.75	122.15	119.55

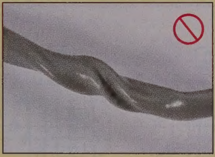
☑RoHS Flat Modular Cord - 26 AWG Stranded - 4, 6, 8 and 10 Conductors

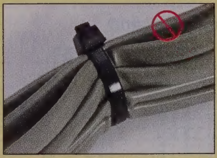
Flat modular (POTS) cable is suitable for voice and low speed data applications. Flat oval design permits fast stripping and crimping of modular plugs. Cable construction features flexible PVC jacketing. Available in popular 4, 6, 8 and 10 conductor counts. UL listed. Sold in 100', 500' and 1000' spools.

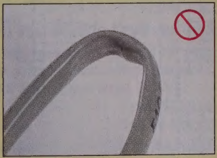
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
TDB4-100	4 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	10.95	10.51	10.07	9.64	CALL
TDB6-100	6 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	16.95	16.27	15.59	14.92	CALL
TDB8-100	8 Conductor Flat Modular Cord, PVC Bulk, 100ft (30.5m) Coil	Gray	24.95	23.95	22.95	21.96	CALL
TDB4-500	4 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	39.95	38.35	36.75	35.16	CALL
TDB6-500	6 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	64.95	62.35	59.75	57.16	CALL
TDB8-500	8 Conductor Flat Modular Cord, PVC Bulk, 500ft (152.4m) Reel	Gray	75.95	72.91	69.87	66.84	CALL
TDB4-1000	4 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	74.95	71.95	68.95	65.96	CALL
TDB6-1000	6 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	114.95	110.35	105.75	101.16	CALL
TDB8-1000	8 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	164.95	158.35	151.75	145.16	CALL
TDB10-1000	10 Conductor Flat Modular Cord, PVC Bulk, 1,000ft (304.8m) Reel	Gray	189.95	182.35	174.75	167.16	CALL

Tip *UTP and STP installation guidelines*

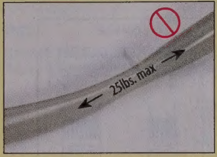

The minimum recommended bend radius for UTP is typically 10 times the cable's OD (Outside Diameter).


DO NOT twist the cable


DO NOT overtighten wire ties


DO NOT bend cable greater than 90 degrees

DO NOT use a stapler for installations



DO NOT stretch or apply pull force greater than 25 lbs (11.4kg).

Category 3

TC3559

TC3561

TC3567

TC3570

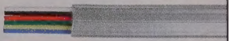
TPC4756

TPC4757

TPC4758

Flat Modular Cord

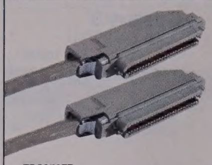
TDB4-500


TDB6-500

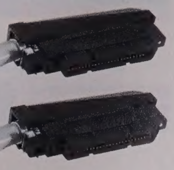
TDB8-500

TDB10-1000

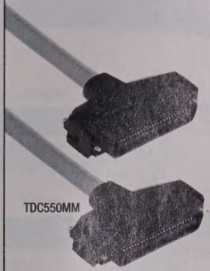
To see our entire product offering
go to...L-com.com



TDC350FF



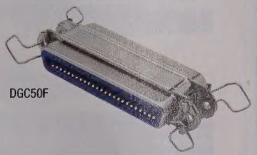
TDC550FF



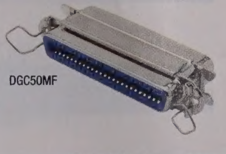
TDC550MM

TDC50M88

TRDC500M



DGC50F



DGC50MF

✓RoHS 25-Pair Telco Cables - Dual Terminated and Breakout (Octopus) Versions

L-com offers a variety of straight-thru and breakout 25 pair telco trunk cables for voice and data networks. Cables come in Category 3 and 5 grades and utilize PVC jackets. Plenum grade and other configurations available by custom request. Category 5 cables utilize 180° or 90° connector ends.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
TDC350FF-5	Cat. 3, Telco Cable, 90° Female / 90° Female, 5.0ft (1.5m)	A	31.95	29.39	26.84	CALL
TDC350FF-10	Cat. 3, Telco Cable, 90° Female / 90° Female, 10.0ft (3.0m)	A	36.95	33.99	31.04	CALL
TDC350FF-15	Cat. 3, Telco Cable, 90° Female / 90° Female, 15.0ft (4.6m)	A	42.95	39.51	36.08	CALL
TDC350FF-25	Cat. 3, Telco Cable, 90° Female / 90° Female, 25.0ft (7.6m)	A	53.95	49.63	45.32	CALL
TDC350FF-50	Cat. 3, Telco Cable, 90° Female / 90° Female, 50.0ft (15.2m)	A	80.95	74.47	68.00	CALL
TDC350FF-100	Cat. 3, Telco Cable, 90° Female / 90° Female, 100.0ft (30.5m)	A	135.95	125.07	114.20	CALL
TDC350MM-5	Cat. 3, Telco Cable, 90° Male / 90° Male, 5.0ft (1.5m)	A	31.95	29.39	26.84	CALL
TDC350MM-10	Cat. 3, Telco Cable, 90° Male / 90° Male, 10.0ft (3.0m)	A	36.95	33.99	31.04	CALL
TDC350MM-15	Cat. 3, Telco Cable, 90° Male / 90° Male, 15.0ft (4.6m)	A	42.95	39.51	36.08	CALL
TDC350MM-25	Cat. 3, Telco Cable, 90° Male / 90° Male, 25.0ft (7.6m)	A	53.95	49.63	45.32	CALL
TDC350MM-50	Cat. 3, Telco Cable, 90° Male / 90° Male, 50.0ft (15.2m)	A	80.95	74.47	68.00	CALL
TDC350MM-100	Cat. 3, Telco Cable, 90° Male / 90° Male, 100.0ft (30.5m)	A	135.95	125.07	114.20	CALL
TDC550FF-5	Cat. 5, Telco Cable, 90° Female / 90° Female, 5.0ft (1.5m)	A	69.50	65.33	61.16	56.99
TDC550FF-10	Cat. 5, Telco Cable, 90° Female / 90° Female, 10.0ft (3.0m)	A	78.50	73.79	69.08	64.37
TDC550FF-15	Cat. 5, Telco Cable, 90° Female / 90° Female, 15.0ft (4.6m)	A	87.50	82.25	77.00	71.75
TDC550FF-25	Cat. 5, Telco Cable, 90° Female / 90° Female, 25.0ft (7.6m)	A	104.50	98.23	91.96	85.69
TDC550FF-50	Cat. 5, Telco Cable, 90° Female / 90° Female, 50.0ft (15.2m)	A	148.50	139.59	130.68	121.77
TDC550FF-100	Cat. 5, Telco Cable, 90° Female / 90° Female, 100.0ft (30.5m)	A	235.50	221.37	207.24	193.11
TDC550MM-5	Cat. 5, Telco Cable, 180° Male / 180° Male, 5.0ft (1.5m)	A	69.50	65.33	61.16	56.99
TDC550MM-10	Cat. 5, Telco Cable, 180° Male / 180° Male, 10.0ft (3.0m)	A	78.50	73.79	69.08	64.37
TDC550MM-15	Cat. 5, Telco Cable, 180° Male / 180° Male, 15.0ft (4.6m)	A	87.50	82.25	77.00	71.75
TDC550MM-25	Cat. 5, Telco Cable, 180° Male / 180° Male, 25.0ft (7.6m)	A	104.50	98.23	91.96	85.69
TDC550MM-50	Cat. 5, Telco Cable, 180° Male / 180° Male, 50.0ft (15.2m)	A	148.50	139.59	130.68	121.77
TDC550MM-100	Cat. 5, Telco Cable, 180° Male / 180° Male, 100.0ft (30.5m)	A	235.50	221.37	207.24	193.11

✓RoHS Category 3, Octopus Cables - Convert 25-Pair Telco to a Variety of Modular Cable Breakouts

This is a useful cable arrangement that allows conversion from a 90° 50 pin Telco connector to a variety of modular cables terminated with male RJ plugs having 2, 4, 6 or 8 active pins. All cables are three feet long. Wired per USOC Standard. Category 3 rated.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
TDC50M62	Cat. 3 Telco Breakout Cable, Male Telco / 25 (6x2), 3.0ft (0.9m)	B	89.95	84.55	79.16	73.76
TDC50M64	Cat. 3 Telco Breakout Cable, Male Telco / 12 (6x4), 3.0ft (0.9m)	C	64.95	61.05	57.16	53.26
TDC50M66	Cat. 3 Telco Breakout Cable, Male Telco / 8 (6x6), 3.0ft (0.9m)	D	59.95	56.35	52.76	49.16
TDC50M88	Cat. 3 Telco Breakout Cable, Male Telco / 6 (8x8), 3.0ft (0.9m)	E	59.95	56.35	52.76	49.16
TDC50F62	Cat. 3 Telco Breakout Cable, Female Telco / 25 (6x2), 3.0ft (0.9m)	B	89.95	84.55	79.16	73.76
TDC50F64	Cat. 3 Telco Breakout Cable, Female Telco / 12 (6x4), 3.0ft (0.9m)	C	64.95	61.05	57.16	53.26
TDC50F66	Cat. 3 Telco Breakout Cable, Female Telco / 8 (6x6), 3.0ft (0.9m)	D	59.95	56.35	52.76	49.16
TDC50F88	Cat. 3 Telco Breakout Cable, Female Telco / 6 (8x8), 3.0ft (0.9m)	E	59.95	56.35	52.76	49.16

✓RoHS Category 5, Octopus Cables - Patch to Network Ethernet Equipment, etc.

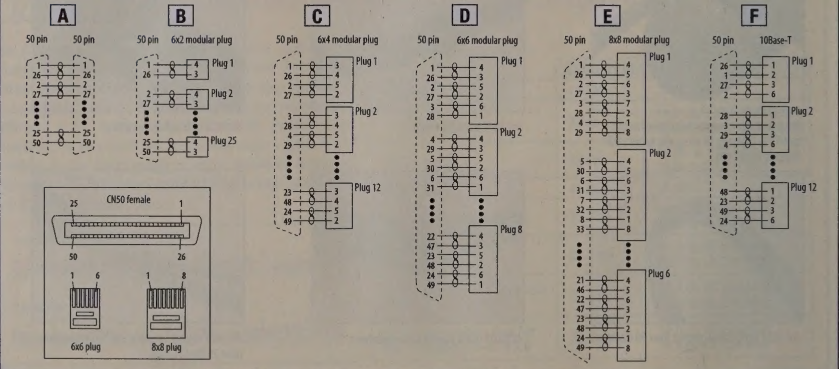
Category 5 octopus cables break out one 180° telco connector to 12 RJ45 plugs wired for Ethernet 10Base-T.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
TRDC500M-3S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4), 3.0ft (0.9m)	F	58.60	55.08	51.57	CALL
TRDC500M-6S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4), 6.0ft (1.8m)	F	62.20	58.47	54.74	CALL
TRDC500M-10S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4), 10.0ft (3.0m)	F	67.00	62.98	58.96	CALL

✓RoHS 50 Position Slim-Line Gender Changers - Mate with SCSI-1 and 50 Position Telco Connectors

Item #	Description	Wiring	1-9	10-24	25-99	100-249
DGC50F	50 Pin SCSI Gender Changer, Female / Female		10.95	9.86	8.76	7.66
DGC50M	50 Pin SCSI Gender Changer, Male / Male		10.95	9.86	8.76	7.66
DGC50MF	50 Pin SCSI Telco Socket Saver, Male / Female		10.95	9.86	8.76	7.66

Pinning Legend



"Great products...L-com is the only place to shop for quality at a fantastic price from people who really know their products."
- Larry Miller, MIS/IT Manager, Exterior Wood, Inc., Washougal, WA

RoHS Harmonica Style Cluster Bars - An Efficient Way to Distribute Your 25 Pair Lines

Break out your 50 pin Telco terminated cabling by connecting to a harmonica style cluster bar. These units use one male or female 25 pair Telco connector as input and 6, 8 or 12 modular jacks as output. Two holes for screw mounting or 2-sided tape may be used. Connector has Hook and Loop hold-down straps to eliminate screw tightening. USOC and 10Base-T wiring only.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC412M	Telco Harmonica 12 RJ11 (6x4) / 50 Pin Male	USOC	29.95	26.95	23.96	20.96	CALL
EC608M	Telco Harmonica 8 RJ12 (6x6) / 50 Pin Male	USOC	29.50	26.55	23.60	20.65	CALL
EC608MMJ	Telco Harmonica 8 MMJ (6x6) / 50 Pin Male	USOC	32.50	29.25	26.00	22.75	CALL
EC806M	Telco Harmonica 6 RJ45 (8x8) / 50 Pin Male	USOC	31.50	28.35	25.20	22.05	CALL
EC806MK	Telco Harmonica 6 RJ45 (8x8) / 50 Pin Male	USOC	31.50	28.35	25.20	22.05	CALL
E412M10BASE-T	Telco Harmonica 12 RJ45 (8x4) / 50 Pin Male	10Base-T	39.95	36.75	33.56	30.36	CALL
EC412F	Telco Harmonica 12 RJ11 (6x4) / 50 Pin Female	USOC	29.95	26.95	23.96	20.96	CALL
EC608F	Telco Harmonica 8 RJ12 (6x6) / 50 Pin Female	USOC	29.50	26.55	23.60	20.65	CALL
EC608FMJ	Telco Harmonica 8 MMJ (6x6) / 50 Pin Female	USOC	32.50	29.25	26.00	22.75	CALL
EC806F	Telco Harmonica 6 RJ45 (8x8) / 50 Pin Female	USOC	31.50	28.35	25.20	22.05	CALL
EC806FK	Telco Harmonica 6 RJ45 (8x8) / 50 Pin Female	USOC	31.50	28.35	25.20	22.05	CALL
E412F10BASE-T	Telco Harmonica 12 RJ45 (8x4) / 50 Pin Female	10Base-T	39.95	36.75	33.56	30.36	CALL

19" (48.3cm) x 1.75" (4.4cm) Modular Patch Panel - 2, 3, or 4 Harmonicas Mounted in Low Profile Panel

These exclusive 19" (48.3cm) x 1.75" (4.4cm) panels come loaded with 2, 3, or 4 harmonica cluster bars. Panels are steel construction for durability and have a shelf in back for cable mounting. Black, with White imprinting.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
ECHL24-4M	1.75" (4.4cm) Panel with 2 EC412M	USOC	99.95	97.95	93.95	87.96	74.96
ECHL24-6M	1.75" (4.4cm) Panel with 3 EC608M	USOC	129.95	127.35	122.15	114.36	97.46
ECHL24-10BTM	1.75" (4.4cm) Panel with 2 EC412M 10Base-T	10Base-T	119.95	117.55	112.75	105.56	89.96
ECHL24-4F	1.75" (4.4cm) Panel with 2 EC412F	USOC	99.95	97.95	93.95	87.96	74.96
ECHL24-8F	1.75" (4.4cm) Panel with 4 EC806F	USOC	139.95	137.15	131.55	123.16	104.96
ECHL24-10BTF	1.75" (4.4cm) Panel with 2 EC412F 10Base-T	10Base-T	119.95	117.55	112.75	105.56	89.96

RoHS Harmonica Style Bridging Adapters - For RJ12 and RJ45 Modular Equipped Cables

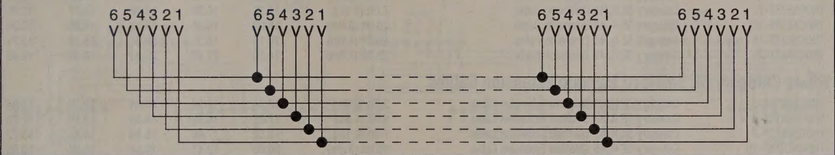
Your choice of 6 or 12 port bridging adapters. Each of the RJ12 (6x6) or RJ45 (8x8) lines are all wired in parallel.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
TDS1880	6 Way Bridging Adapter, RJ12 (6x6)		29.95	27.55	25.16	22.76	CALL
TDS2166	12 Way Bridging Adapter, RJ12 (6x6)		37.95	34.91	31.88	28.84	CALL
TDS1881	6 Way Bridging Adapter, RJ45 (8x8)		31.95	29.39	26.84	24.28	CALL
TDS2167	12 Way Bridging Adapter, RJ45 (8x8)		39.95	36.75	33.56	30.36	CALL

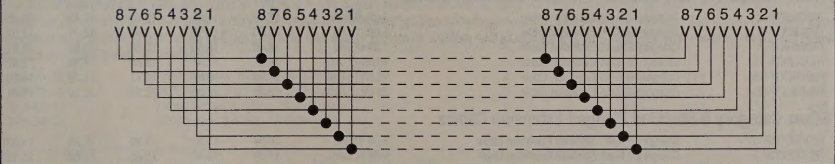
RoHS 19" (48.3cm) x 1.75" (4.4cm) Modular Bridging Panels - Equipped with 6 or 12 Way Bridging Adapters

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
ECHL2166	1.75" (4.4cm) Panel with 2-12 Way (6x6) Bridging Adapters		109.95	107.75	103.35	96.76	82.46
ECHL1881	1.75" (4.4cm) Panel with 4-6 Way (8x8) Bridging Adapters		129.95	127.35	122.15	114.36	97.46
ECHL2167	1.75" (4.4cm) Panel with 2-12 Way (8x8) Bridging Adapters		109.95	107.75	103.35	96.76	82.46

Wiring Diagram for RJ12 Bridging Adapter



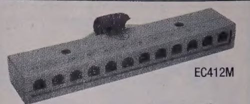
Wiring Diagram for RJ45 Bridging Adapter

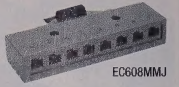


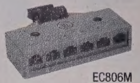
RoHS Voice Grade Keystone Jack and Panel Kit Assortment - At Significant Savings

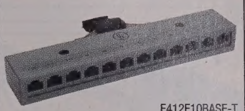
These kits include a pre-punched 19" (48.3cm) rack panel and appropriate number of keystone jacks to complete the assembly. Keystone jacks use insulation displacement contacts and each connector has 30 microinches of gold on jack mating surfaces. Panel color is Black. Keystone jacks are also available separately on pages 54-55.

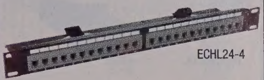
Item #	Description	List Price
PR175-1606	1.75" (4.4cm) x 19" (48.3cm) Panel Kit with 16 RJ12 (6x6) Keystone Jacks	59.00
PR35-3206	3.50" (48.3cm) x 19" (48.3cm) Panel Kit with 32 RJ12 (6x6) Keystone Jacks	79.00
PR175-1608	1.75" (4.4cm) x 19" (48.3cm) Panel Kit with 16 RJ45 (8x8) Keystone Jacks	114.98
PR35-3208	3.50" (48.3cm) x 19" (48.3cm) Panel Kit with 32 RJ45 (8x8) Keystone Jacks	149.98


EC412M


EC608MMJ


EC806M


E412F10BASE-T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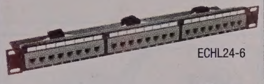
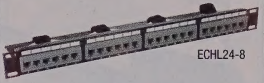

ECHL24-6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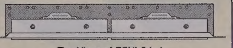
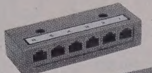
Panel bottom holds cables securely


Top View of ECHL24-4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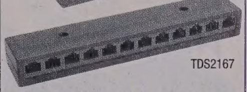
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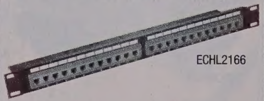
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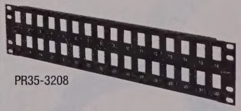
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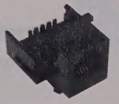
Kit includes keystone jacks

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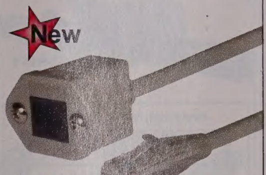
TRDC5EXT

TRDC6EXTS



TRDC5EXTF

TRDC6EXTSF

TRDC500M-6S

Category 5E and 6 Network Extension Cables

L-com's unique network extension cables offer the perfect solution for extending an Ethernet network cable to the outside of an enclosure or by making a hard to reach port more accessible. Available in either Category 5E or Category 6, shielded or un-shielded, these cables are up to the task for your high demand data tasks. These extensions feature either a panel mountable flange or an inline flange-free design.

- Category 5E or Category 6 Network Extension Cables
- Available either with or without a panel mountable flange
- Choose either un-shielded (UTP) or Shielded (FTP)
- Feature L-com's unique snag-less molded plugs
- Standard lengths up to 25ft or call for custom options

☑RoHS Category 5E Non-Shielded Non-Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC5EXT-3	Category 5E RJ45 Extension Cable	3.0ft (0.9m)	13.52	12.44	11.36	10.28	9.19
TRDC5EXT-5	Category 5E RJ45 Extension Cable	5.0ft (1.5m)	14.40	13.25	12.10	10.94	9.79
TRDC5EXT-7	Category 5E RJ45 Extension Cable	7.0ft (2.1m)	16.40	15.09	13.78	12.46	11.15
TRDC5EXT-10	Category 5E RJ45 Extension Cable	10.0ft (3.0m)	16.68	15.35	14.01	12.68	11.34
TRDC5EXT-15	Category 5E RJ45 Extension Cable	15.0ft (4.6m)	18.84	17.33	15.83	14.32	12.81
TRDC5EXT-25	Category 5E RJ45 Extension Cable	25.0ft (7.6m)	22.88	21.05	19.22	17.39	15.56

☑RoHS Category 5E Shielded Non-Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC5EXTS-3	Category 5E RJ45 Shielded Extension Cable	3.0ft (0.9m)	16.16	14.87	13.57	12.28	10.99
TRDC5EXTS-5	Category 5E RJ45 Shielded Extension Cable	5.0ft (1.5m)	17.20	15.82	14.45	13.07	11.70
TRDC5EXTS-7	Category 5E RJ45 Shielded Extension Cable	7.0ft (2.1m)	19.40	17.85	16.30	14.74	13.19
TRDC5EXTS-10	Category 5E RJ45 Shielded Extension Cable	10.0ft (3.0m)	19.96	18.36	16.77	15.17	13.57
TRDC5EXTS-15	Category 5E RJ45 Shielded Extension Cable	15.0ft (4.6m)	22.60	20.79	18.98	17.18	15.37
TRDC5EXTS-25	Category 5E RJ45 Shielded Extension Cable	25.0ft (7.6m)	27.52	25.32	23.12	20.92	18.71

☑RoHS Category 6 Non-Shielded Non-Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC6EXT-3	Category 6 RJ45 Extension Cable	3.0ft (0.9m)	13.80	12.70	11.59	10.49	9.38
TRDC6EXT-5	Category 6 RJ45 Extension Cable	5.0ft (1.5m)	14.88	13.69	12.50	11.31	10.12
TRDC6EXT-7	Category 6 RJ45 Extension Cable	7.0ft (2.1m)	17.08	15.71	14.35	12.98	11.61
TRDC6EXT-10	Category 6 RJ45 Extension Cable	10.0ft (3.0m)	17.60	16.19	14.78	13.38	11.97
TRDC6EXT-15	Category 6 RJ45 Extension Cable	15.0ft (4.6m)	20.24	18.62	17.00	15.38	13.76
TRDC6EXT-25	Category 6 RJ45 Extension Cable	25.0ft (7.6m)	25.16	23.15	21.13	19.12	17.11

☑RoHS Category 6 Shielded Non-Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC6EXTS-3	Category 6 RJ45 Shielded Extension Cable	3.0ft (0.9m)	15.60	14.35	13.10	11.86	10.61
TRDC6EXTS-5	Category 6 RJ45 Shielded Extension Cable	5.0ft (1.5m)	16.88	15.53	14.18	12.83	11.48
TRDC6EXTS-7	Category 6 RJ45 Shielded Extension Cable	7.0ft (2.1m)	19.36	17.81	16.26	14.71	13.16
TRDC6EXTS-10	Category 6 RJ45 Shielded Extension Cable	10.0ft (3.0m)	20.24	18.62	17.00	15.38	13.76
TRDC6EXTS-15	Category 6 RJ45 Shielded Extension Cable	15.0ft (4.6m)	23.52	21.64	19.76	17.88	15.99
TRDC6EXTS-25	Category 6 RJ45 Shielded Extension Cable	25.0ft (7.6m)	29.60	27.23	24.86	22.50	20.13

☑RoHS Category 5E Non-Shielded Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC5EXTF-3	Category 5E RJ45 Extension Cable	3.0ft (0.9m)	14.84	13.65	12.47	11.28	10.09
TRDC5EXTF-5	Category 5E RJ45 Extension Cable	5.0ft (1.5m)	15.72	14.46	13.20	11.95	10.69
TRDC5EXTF-7	Category 5E RJ45 Extension Cable	7.0ft (2.1m)	17.72	16.30	14.88	13.47	12.05
TRDC5EXTF-10	Category 5E RJ45 Extension Cable	10.0ft (3.0m)	18.00	16.56	15.12	13.68	12.24
TRDC5EXTF-15	Category 5E RJ45 Extension Cable	15.0ft (4.6m)	20.16	18.55	16.93	15.32	13.71
TRDC5EXTF-25	Category 5E RJ45 Extension Cable	25.0ft (7.6m)	24.20	22.26	20.33	18.39	16.46

☑RoHS Category 5E Shielded Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC5EXTSF-3	Category 5E RJ45 Shielded Extension Cable	3.0ft (0.9m)	16.24	14.94	13.64	12.34	11.04
TRDC5EXTSF-5	Category 5E RJ45 Shielded Extension Cable	5.0ft (1.5m)	17.32	15.93	14.55	13.16	11.78
TRDC5EXTSF-7	Category 5E RJ45 Shielded Extension Cable	7.0ft (2.1m)	19.52	17.96	16.40	14.84	13.27
TRDC5EXTSF-10	Category 5E RJ45 Shielded Extension Cable	10.0ft (3.0m)	20.08	18.47	16.87	15.26	13.65
TRDC5EXTSF-15	Category 5E RJ45 Shielded Extension Cable	15.0ft (4.6m)	22.72	20.90	19.08	17.27	15.45
TRDC5EXTSF-25	Category 5E RJ45 Shielded Extension Cable	25.0ft (7.6m)	27.64	25.43	23.22	21.01	18.80

☑RoHS Category 6 Non-Shielded Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC6EXTF-3	Category 6 RJ45 Extension Cable	3.0ft (0.9m)	15.12	13.91	12.70	11.49	10.28
TRDC6EXTF-5	Category 6 RJ45 Extension Cable	5.0ft (1.5m)	16.20	14.90	13.61	12.31	11.02
TRDC6EXTF-7	Category 6 RJ45 Extension Cable	7.0ft (2.1m)	18.40	16.93	15.46	13.98	12.51
TRDC6EXTF-10	Category 6 RJ45 Extension Cable	10.0ft (3.0m)	18.92	17.41	15.89	14.38	12.87
TRDC6EXTF-15	Category 6 RJ45 Extension Cable	15.0ft (4.6m)	21.56	19.84	18.11	16.39	14.66
TRDC6EXTF-25	Category 6 RJ45 Extension Cable	25.0ft (7.6m)	26.48	24.36	22.24	20.12	18.01

☑RoHS Category 6 Shielded Flanged Extension Cables

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC6EXTSF-3	Category 6 RJ45 Shielded Extension Cable	3.0ft (0.9m)	16.64	15.31	13.98	12.65	11.32
TRDC6EXTSF-5	Category 6 RJ45 Shielded Extension Cable	5.0ft (1.5m)	17.92	16.49	15.05	13.62	12.19
TRDC6EXTSF-7	Category 6 RJ45 Shielded Extension Cable	7.0ft (2.1m)	20.40	18.77	17.14	15.50	13.87
TRDC6EXTSF-10	Category 6 RJ45 Shielded Extension Cable	10.0ft (3.0m)	21.28	19.58	17.88	16.17	14.47
TRDC6EXTSF-15	Category 6 RJ45 Shielded Extension Cable	15.0ft (4.6m)	24.56	22.60	20.63	18.67	16.70
TRDC6EXTSF-25	Category 6 RJ45 Shielded Extension Cable	25.0ft (7.6m)	30.68	28.23	25.77	23.32	20.86

☑RoHS Category 5 25-Pair Trunk Cables – Male 90-Degree Breakout for Ethernet

Breakout your 25-Pair Trunk lines to RJ45 style plugs for Ethernet. Available in a Category 5 rating, these cables simplify the process of connecting individual lines from or to a 25-pair Telco connection. One end features a standard RJ21 Telco connection and the other has twelve RJ45 style connectors. Custom lengths are available with modest minimums.

Item #	Description	Length	1-9	10-24	25-99	100-249	250-499
TRDC500M-3S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4)	3.0ft (0.9m)	58.60	55.08	51.57	CALL	CALL
TRDC500M-6S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4)	6.0ft (1.8m)	62.20	58.47	54.74	CALL	CALL
TRDC500M-10S	Cat. 5 Breakout Cable, Male Telco / 12 10Base-T (8x4)	10.0ft (3.0m)	67.00	62.98	58.96	CALL	CALL

L-com Global Connectivity

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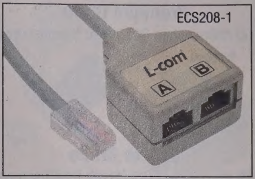
RoHS Modular Y Adapters - Allow Line Splitting Flexibility in Today's DataCom Networks

Market demand for varied types of modular Y splitter cables has prompted this choice of six standard listings. The most popular types are stocked in one foot overall lengths. However, custom lengths are available. A dark, Gray molded box design style with all rounded edges is used as well as round U.T.P. Category 3 cable. All contact surfaces have 50 microinches gold plating. **Note:** Custom variations solicited to include: choice of modular jacks, any length of cable, different modular or DIN or other style plugs on cable. Minimum quantity of 250 may apply for most custom quotes.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
ECS203-1	Modular Y-Bridge, USOC-6 / USOC-6	A	7.95	7.31	6.68	6.04
ECS204-1	Modular Y-Bridge, USOC-8 / USOC-8	B	7.95	7.31	6.68	6.04
ECS205-1	Modular Y-Splitter, 10Base-T / 10Base-T	C	7.95	7.31	6.68	6.04
ECS206-1	Modular Y-Splitter, 10Base-T / Token Ring	D	7.95	7.31	6.68	6.04
ECS207-1	Modular Y-Splitter, Token Ring / Token Ring	E	7.95	7.31	6.68	6.04
ECS208-1	Modular Y-Splitter, Token Ring / Token Ring	F	7.95	7.31	6.68	6.04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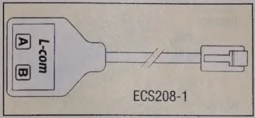

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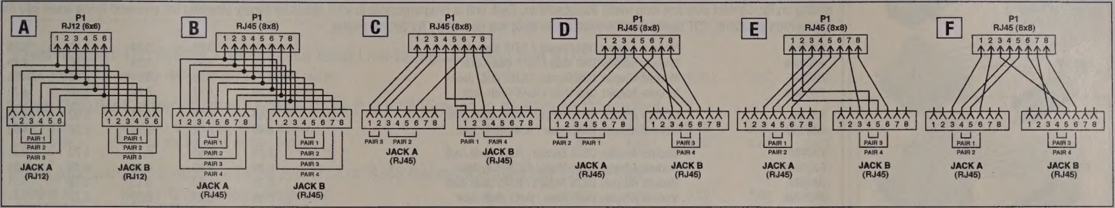
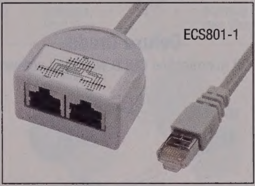


RoHS Shielded Modular 2-Way Splitters - Allow Multiple Uses of 4-Pair Cabling

This series is designed for use in environments where shielding protection is required. Features include: fully shielded PCB mounted jacks, RJ45 plugs with a 360 degree strain relief and a sturdy ABS housing. Three configurations in 12 inch lengths are offered. The bridging adapter combines all like numbered pins allowing devices to share a single interface. Two splitter versions are available configured for 10Base-T and Token Ring applications. Custom configurations will be considered with modest minimums. Please contact our Sales group for assistance.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
ECS801-1	USOC Splitter, 8x8 Plug / 2 (8x4) Jacks	A	9.95	9.15	8.36	7.56
ECS802-1	TIA568 Splitter, 8x8 Plug / 2 10Base-T Jacks	B	9.95	9.15	8.36	7.56
ECS803-1	USOC Bridge, 8x8 Plug / 2 (8x8) Jacks	C	9.95	9.15	8.36	7.56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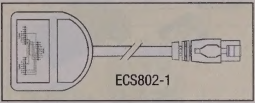
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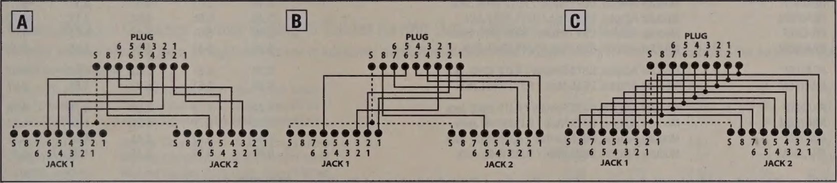
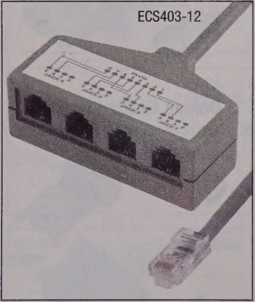


RoHS Modular 4-Way Splitters - Allow Multiple Uses of 4-Pair Cabling

This series allows users to take advantage of installed 4-pair to gain access to individual pairs or bridge multiple jacks. Four configurations in a 12 inch overall length are offered. The bridging adapter combines all like numbered pins allowing devices to share a single interface. The breakout models allow access to each individual pair at the 8x8 plug through four 6x2 or 8x2 jacks. Custom configurations will be considered with modest minimums. Please contact our Sales group for assistance.

Item #	Description	Wiring	1-9	10-24	25-99	100-249
ECS401-12	TIA568B Splitter, 8x8 Plug / 4 (6x2) Jacks	A	9.95	9.15	8.36	7.56
ECS402-12	USOC Splitter, 8x8 Plug / 4 (6x2) Jacks	B	9.95	9.15	8.36	7.56
ECS403-12	TIA568 Splitter, 8x8 Plug / 4 (8x2) Jacks	C	9.95	9.15	8.36	7.56
ECS404-12	USOC Bridge, 8x8 Plug / 4 (8x8) Jacks	D	9.95	9.15	8.36	7.56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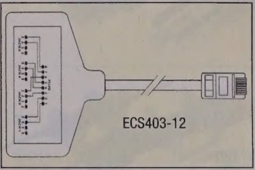
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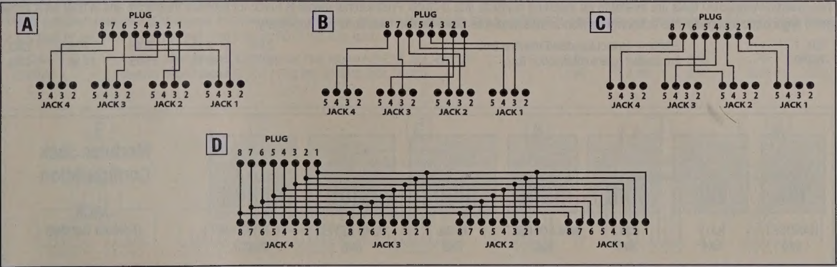

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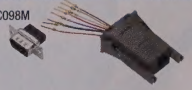
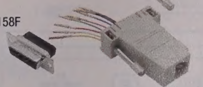
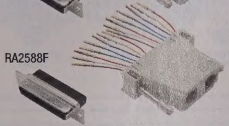
Premium Grade
50 microinches GOLD with thumbscrews

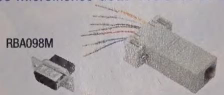


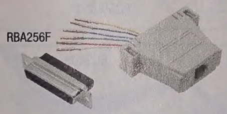
Deluxe Grade
30 microinches GOLD with thumbscrews



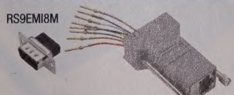


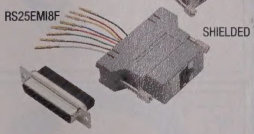
Deluxe Grade
30 microinches GOLD w/slotted screws





Deluxe Grade Shielded
30 microinches GOLD with thumbscrews





✓RoHS Premium Modular Adapter Kits - Design Features Molded Knurled Hold Down Screws

The increased popularity of modular adapters prompted L-com to offer an off-the-shelf product that is a superior design featuring dark Gray 94V-0 plastic and 50 microinches of gold plating on the pins. L-com offers quotations for custom programming to fit your needs and with legends and/or logo, either molded-in or on labels for your application. TDT series insertion/extraction tools are necessary for programming.

Item #	Description	1-9	10-24	25-99	100-249	250-499
REC096F	Modular Adapter, DB9 Female / RJ12 (6x6) Jack	6.49	5.97	5.45	4.93	4.41
REC096M	Modular Adapter, DB9 Male / RJ12 (6x6) Jack	6.49	5.97	5.45	4.93	4.41
REC096FD	Modular Adapter, DB9 Female / MMJ (6x6) Jack	6.99	6.43	5.87	5.31	4.75
REC096MD	Modular Adapter, DB9 Male / MMJ (6x6) Jack	6.99	6.43	5.87	5.31	4.75
REC098F	Modular Adapter, DB9 Female / RJ45 (8x8) Jack	6.99	6.43	5.87	5.31	4.75
REC098M	Modular Adapter, DB9 Male / RJ45 (8x8) Jack	6.99	6.43	5.87	5.31	4.75
REC256F	Modular Adapter, DB25 Female / RJ12 (6x6) Jack	7.49	6.89	6.29	5.69	5.09
REC256M	Modular Adapter, DB25 Male / RJ12 (6x6) Jack	7.49	6.89	6.29	5.69	5.09
REC256MD	Modular Adapter, DB25 Male / MMJ (6x6) Jack	7.49	6.89	6.29	5.69	5.09
REC258F	Modular Adapter, DB25 Female /RJ45 (8x8) Jack	7.49	6.89	6.29	5.69	5.09
REC258M	Modular Adapter, DB25 Male / RJ45 (8x8) Jack	7.49	6.89	6.29	5.69	5.09

✓RoHS Modular Adapter Kits With Long Thumbscrews, Mate with DB9, DB15 and DB25

With one-piece housing, the modular adapter kits offer users a simple way to prepare custom wired adapters in the field. Featuring 30 microinches gold plating on the contact pins and long metal thumbscrews. Each unit is programmable to your needs by simply inserting the prepared flying leads into the appropriate positions. TDT series insertion/extraction tools are necessary for programming.

RA096F	Modular Adapter, DB9 Female / RJ12 (6x6) Jack	6.29	5.91	5.54	5.16	4.78
RA096M	Modular Adapter, DB9 Male / RJ12 (6x6) Jack	6.29	5.91	5.54	5.16	4.78
RA098F	Modular Adapter, DB9 Female / RJ45 (8x8) Jack	6.29	5.91	5.54	5.16	4.78
RA098M	Modular Adapter, DB9 Male / RJ45 (8x8) Jack	6.29	5.91	5.54	5.16	4.78
RA158F	Modular Adapter, DB15 Female / RJ45 (8x8) Jack	6.49	6.10	5.71	5.32	4.93
RA158M	Modular Adapter, DB15 Male / RJ45 (8x8) Jack	6.49	6.10	5.71	5.32	4.93
RA256F	Modular Adapter, DB25 Female / RJ12 (6x6) Jack	6.99	6.57	6.15	5.73	5.31
RA256M	Modular Adapter, DB25 Male / RJ12 (6x6) Jack	6.99	6.57	6.15	5.73	5.31
RA258F	Modular Adapter, DB25 Female / RJ45 (8x8) Jack	6.99	6.57	6.15	5.73	5.31
RA258M	Modular Adapter, DB25 Male / RJ45 (8x8) Jack	6.99	6.57	6.15	5.73	5.31
RA2510F	Modular Adapter, DB25 Female / 10 Pin Modular Jack	6.99	6.57	6.15	5.73	5.31
RA2510M	Modular Adapter, DB25 Male / 10 Pin Modular Jack	6.99	6.57	6.15	5.73	5.31
RA2588F	Modular Adapter, DB25 Female / Dual RJ45 Modular Jack	9.99	9.39	8.79	8.19	7.59
RA2588M	Modular Adapter, DB25 Male / Dual RJ45 Modular Jack	9.99	9.39	8.79	8.19	7.59

✓RoHS Modular Adapter Kits - With Slotted Screws, Mate with DB9, DB15 and DB25

This series is identical to the RA Series except for the fact that the thumbscrew is replaced with a shorter screw head requiring a screwdriver for fastening to the system. A full range is provided which includes the DB9, DB15 and DB25 interface, available with RJ11/12 or RJ45 jacks. Modular contacts have 30 microinches of gold plating. TDT series insertion/extraction tools are necessary for programming.

RBA096F	Modular Adapter, DB9 Female / RJ12 (6x6) Jack	5.49	5.05	4.61	4.17	3.73
RBA096M	Modular Adapter, DB9 Male / RJ12 (6x6) Jack	5.49	5.05	4.61	4.17	3.73
RBA098F	Modular Adapter, DB9 Female / RJ45 (8x8) Jack	5.99	5.51	5.03	4.55	4.07
RBA098M	Modular Adapter, DB9 Male / RJ45 (8x8) Jack	5.99	5.51	5.03	4.55	4.07
RBA156F	Modular Adapter, DB15 Female / RJ12 (6x6) Jack	5.99	5.51	5.03	4.55	4.07
RBA156M	Modular Adapter, DB15 Male / RJ12 (6x6) Jack	5.99	5.51	5.03	4.55	4.07
RBA256F	Modular Adapter, DB25 Female / RJ12 (6x6) Jack	6.29	5.79	5.28	4.78	4.28
RBA256M	Modular Adapter, DB25 Male / RJ12 (6x6) Jack	6.29	5.79	5.28	4.78	4.28
RBA258F	Modular Adapter, DB25 Female / RJ45 (8x8) Jack	6.49	5.97	5.45	4.93	4.41
RBA258M	Modular Adapter, DB25 Male / RJ45 (8x8) Jack	6.49	5.97	5.45	4.93	4.41

✓RoHS Shielded Modular Adapter Kits - Feature Special Internal Design - EMI/RFI Shield

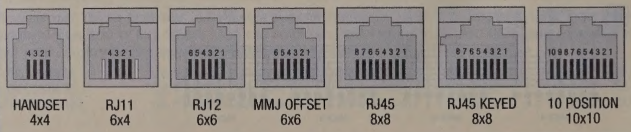
Similar in appearance and use to our standard RA Series but the similarity ends there. Built into the Gray plastic case assembly is an inner formed metal shield. This provides 100% EMI/RFI protection when used with the fully shielded modular plugs as listed on page 63. Modular contacts have 30 microinches of gold plating. This is our best adapter; guaranteed to provide the best shielding effectiveness. Mandatory for systems utilizing fully shielded cabling and shielded modular plugs. Use TDT series tools to insert/remove contacts. 4-40 hardware.

RS9EMI8F	Shielded Modular Adapter, DB9 Female / RJ45 (8x8) Jack	9.95	9.15	8.36	7.56	CALL
RS9EMI8M	Shielded Modular Adapter, DB9 Male / RJ45 (8x8) Jack	9.95	9.15	8.36	7.56	CALL
RS25EMI8F	Shielded Modular Adapter, DB25 Female / RJ45 (8x8) Jack	9.95	9.15	8.36	7.56	CALL
RS25EMI8M	Shielded Modular Adapter, DB25 Male / RJ45 (8x8) Jack	9.95	9.15	8.36	7.56	CALL

✓RoHS Insertion and Removal Tools For Crimp & Poke Type Contacts - Professional and Economy Versions

Two insertion/extraction tools are available for inserting contacts into D-Subs. Professional model is made for multiple insertions and is built on a larger, more ergonomic tool body. The economy version is also available when limited insertions are necessary.

TDT	Economy Contact Insertion/Extraction Tool	2.95	2.71	2.48	2.24	CALL
TDTPRO	Pro Contact Insertion/Extraction Tool	19.95	19.15	18.35	17.56	CALL



Modular Jack Configuration

Jack
(Female Gender)

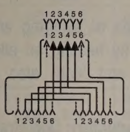
"L-com offers superior grade products at an affordable price. These savings allow our company to remain competitive without sacrificing quality. "- Jay Spangenberg, Sciotowireless, LLC

RoHS Modular TEE Adapters - The Most Practical Way to Tap Into Your Wiring Networks

All units have either 2, 3 or 4 RJ jacks mating to a male or female. Useful in daisy chain wiring, parallel phones or answering machines. It also is very useful in test environments where access to specific pins is required.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC503-4	Modular TEE Adapter (6x4)M / (6x4)F / (6x4)F	A	3.95	3.63	3.32	3.00	CALL
EC503-6E	Modular TEE Adapter (6x6)M / (6x6)F / (6x6)F	B	3.95	3.63	3.32	3.00	CALL
EC503-8	Modular TEE Adapter (8x8)M / (8x8)KF / (8x8)KF	C	4.95	4.55	4.16	3.76	CALL
EC503-448	Modular TEE Splitter (8x8)M / (8x4)KF / (8x4)KF	D	4.95	4.55	4.16	3.76	CALL

A



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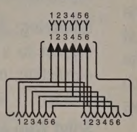

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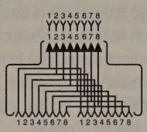

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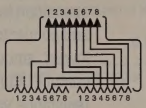


RoHS Modular TEE Splitter - Allows Dual Telco Line to Separate into Two RJ11 Jacks

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC503-1703	Modular TEE Splitter (6x4)M / (6x2)F / (6x2)F	E	4.95	4.55	4.16	3.76	CALL

RoHS Modular Splitter Adapter - Allows Three RJ11/12 Circuits to be Parallel Connected

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC503-2134	Modular 1 to 3 Adapter (6x4)M / 3 (6x4)F	F	4.95	4.55	4.16	3.76	CALL
EC503-2136	Modular 1 to 3 Adapter (6x6)M / 3 (6x6)F	F	4.95	4.55	4.16	3.76	CALL

RoHS Modular TEE Junction - Three RJ11/12 or RJ45 Receptacles Accept Three Plugs

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
TDS1039-4C	Modular TEE Junction (6x4)F / (6x4)F, (6x4)F	A	3.95	3.63	3.32	3.00	CALL
TDS1039-6C	Modular TEE Junction (6x6)F / (6x6)F, (6x6)F	B	4.95	4.55	4.16	3.76	CALL
TDS1039-8C	Modular TEE Junction (8x8)F / (8x8)F, (8x8)F	C	5.29	4.87	4.44	4.02	CALL

RoHS Socket Saver Adapters - Extend the Life of Frequently Used Modular Jacks

Avoid costly repairs trying to replace modular jacks. Particularly useful with cable testers where jacks are in constant use. A small price to pay to assure maximum performance for the life of your equipment. Also available is the EC535D-10X 10Base-T crossover adapter. Attach this in series with any 10Base-T compatible patch cord and the 1-2 pair crosses to the 3-6 pair. This wiring is often necessary for stacking Ethernet hubs.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC535AD	Modular Conversion Adapter (6x6)M / (8x6)KF	G	3.95	3.63	3.32	3.00	CALL
EC535A	Modular Socket Saver (6x6)M / (6x6)F	H	3.95	3.63	3.32	3.00	CALL
EC535D	Modular Socket Saver (8x8)M / (8x8)KF	J	3.95	3.63	3.32	3.00	CALL
EC535D-10X	Modular 10Base-T Crossover Adapter (8x4)M / (8x4)KF	K	3.95	3.63	3.32	3.00	CALL

RoHS Modular Couplers - Allow Mating of Cables Having Same Modular Termination

We offer a choice of wiring types, straight-thru for use in low speed data communication and crossed wiring for voice applications. This series has gold plated contact surfaces.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
TDG1026-4R	Modular Coupler, RJ11 (6x4), Cross Wired		2.15	1.98	1.81	1.63	1.46
TDG1026-6R	Modular Coupler, RJ12 (6x6), Cross Wired		2.35	2.16	1.97	1.79	1.60
TDG1026-8R	Modular Coupler, RJ45 (8x8), Cross Wired		2.95	2.71	2.48	2.24	2.01
TDG1026-4C	Modular Coupler, RJ11 (6x4), Straight Wired		2.15	1.98	1.81	1.63	1.46
TDG1026-6C	Modular Coupler, RJ12 (6x6), Straight Wired		2.35	2.16	1.97	1.79	1.60
TDG1026-8C	Modular Coupler, RJ45 (8x8), Straight Wired		2.95	2.71	2.48	2.24	2.01
TDG1026-8CK	Modular Coupler, RJ45K (8x8), Straight, Keyed		3.15	2.90	2.65	2.39	2.14

RoHS Reverse Cable Adapter - A Handy Device To Have To Reverse Polarity (Cross Wiring)

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
TDC48R	Reverse Cable Adapter, RJ11 (6x4), Male / Female, 10" **Note:** Longer lengths and modular connector types available on special orders		2.65	2.44	2.23	2.01	1.80

RoHS Telephone and Data 7 Ft Extension Cords - With Male and Female Modular Connectors

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
TAC535-4-7	7 ft Modular Extension Cord, Straight Wired, RJ11 (6x4)		4.49	4.13	3.77	3.41	CALL
TAC535-6-7	7 ft Modular Extension Cord, Straight Wired, RJ12 (6x6)	H	4.79	4.41	4.02	3.64	CALL
TAC535-8-7	7 ft Modular Extension Cord, Straight Wired, RJ45K (8x8), Keyed	J	4.99	4.59	4.19	3.79	CALL

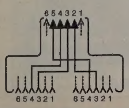
Note: 8x8 jacks are keyed. This series also available as Cross Wired. Custom wiring schemes considered.

RoHS Modular Insert Adapters

These adapters provide a simple way to allow smaller modular plugs to fit securely into a larger jack. Two types are available: an RJ11/12 plug into an RJ45 jack or an RJ22 style handset plug into an RJ11/12 size jack.

Item #	Description	Wiring	1-9	10-24	25-99	100-249	250-499
EC4X4A	Modular Insert Adapter, RJ22 Handset Plug into an RJ11/12 Jack, Pkg/10		2.99	2.81	2.63	2.45	CALL
EC8X8A	Modular Insert Adapter, RJ11/12 Plug into an RJ45 Jack, Pkg/10		2.99	2.75	2.51	2.27	CALL

E



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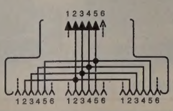

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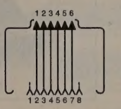

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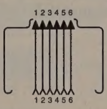

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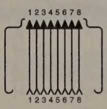

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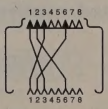
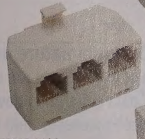
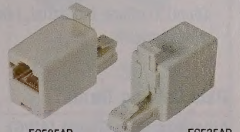


EC503 Typical

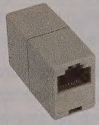
EC503-8


EC503-2134

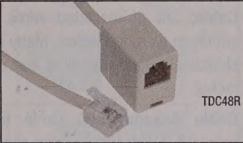
TDS1039-6C

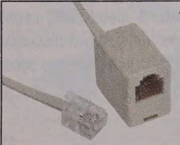

EC535AD Front View

EC535AD Rear View

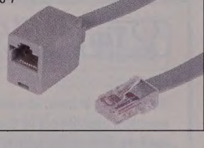

TDG1026-8C

TDG1026-8CK


TDC48R


TAC535-4-7 (Non-keyed)

TAC535-8-7 (Keyed)



EC4X4A Pkg/10

EC8X8A Pkg/10

Helpful videos
How-to videos help with some of today's popular product applications. L-com.com/Tips

Data Cabling Tutorial

What is D-Subminiature?

D-Subminiature products are connection products utilizing various D-Subminiature style interface types to transmit data signals.

How is D-Subminiature used?

D-Subminiature products are used to connect a data generating device such as a CPU (Central Processing Unit) to a data producing device such as a printer.

Where is D-Subminiature used?

D-Subminiature products are used in numerous data transmission applications found in office, industrial, home or testing environments.

Data Cabling Terms

American Wire Gauge (AWG): A U.S. standard set of non-ferrous wire conductor sizes. Typical data wiring is AWG number 24, 26 or 28. The higher the gauge number, the smaller the diameter and the thinner the wire.

Backshell (Hood): A mechanical backing that is sometimes put on a connector. It protects the conductors and can be assembled or injection molded. Commonly used with D-Sub connectors.

Cable: Set of insulated wires or conductors within an extruded jacket. Many cable types use shielding around the wires and under the cable jacket.

Cable Assembly: A cable that has been terminated with one or more connectors.

Conductor: A metal path, usually copper, that passes electricity. When discussing data cabling, "wire" and "conductor" are synonymous.

Connector: Electromechanical coupling device that provides an electrical interface that can be mated and unmated.

Contact: The specific points of contact within a connector. May be male (pins) or female (sockets).

Contact Resistance: Resistance is basically the opposition to electron flow in an electrical circuit and connector. Manufacturers strive to attain the lowest amount of resistance possible for each contact. Contact resistance is the cumulative resistance value for mated contacts.

Crimping: A means of securing an electrical contact to a wire using tools that compress the metal contact around the wire.

Crosstalk: When unwanted electromagnetic fields from conductors are transferred into adjacent conductors. Crosstalk is controlled by separating or shielding conductors or twisting into a pair.

D-Subminiature: A common connector type that utilizes multiple pins and a D shaped housing.

Electromagnetic Interference (EMI): Unwanted electrical or electromagnetic energy that causes unwanted responses in electronic equipment.

Extrusion: The mechanical process of coating a wire or group of wires with insulating material.

Ground: Any zero-voltage point. Earth is considered a zero voltage grounding point.

Ground Wire (Drain Wire): Extra conductor, usually a bare wire, added to a cable for connection of the grounding path.

Injection Molding: The process used to inject molten polymer into a mold. Connector backshells are often injection molded.

Insulation: A material with very high resistivity used to protect conductors. Insulation is usually extruded over the wire or conductor after the drawing process.

Shielding: A conductive foil or braid that covers insulated wires in a cable. It provides electrical grounding and protection from external electromagnetic interference (EMI). Shielding is also used to control internal electromagnetic radiation.

Soldering: A means of securing an electrical contact to a wire by heating an alloy, usually consisting of tin and lead, also known as "solder".

Solid Wire (or Conductor): One strand of wire. Usually less flexible, lower in cost and lower in resistance than stranded wire of the same AWG. Solid wire is typically used in permanent installations where flexing does not occur.

Strain Relief: A method of protecting the wire to contact point from flexing or pulling.

Stranded Wire (or Conductor): Multiple small AWG strands of wire that are put together to make a flexible wire with similar electrical properties as a similar solid wire. Stranded wires are usually used in data cabling.

Twisted Pair: Two insulated conductors twisted at a fixed rate of twists per unit of length, typically used in balanced circuits where nominal impedance and crosstalk are critical characteristics.

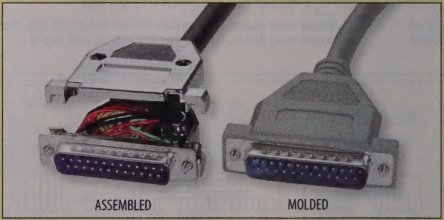
Wire: A conductive material, usually copper, that has been drawn down to a specific size and is then coated with an insulating material. A "bare wire" utilizes no insulator coating.

Wire Drawing: The mechanical process of making conductors smaller by forcing through dies.

Tip

What is the difference between assembled and molded cable assemblies?

The difference between an assembled and molded cable assembly is in the construction of the backshell. An assembled backshell can be plastic (not shielded) or metal (shielded) and can be disassembled by removing hardware. On a molded cable assembly, the backshell is typically molded PVC that cannot be disassembled.



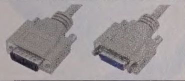
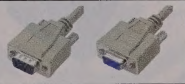
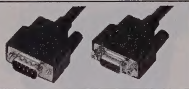
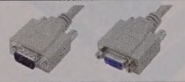
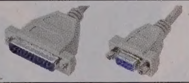
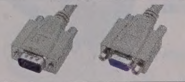
L-com Global Connectivity

For more useful information go to....
L-com.com/Resources

Tip

Selecting the right D-Sub Cable Assembly for your application.

L-com takes pride in having the largest variety of D-Sub cables in the industry. The following selection guide is intended to assist you in selecting the right cable for your particular need.

Cable Series	Available Sizes	Available Connector Combinations	Color	Cable Shielding	Wire AWG	Distinguishing Characteristics	Photo
CSM	DB9, DB15, DB25, DB37	Male-Male, Male-Female	Gray	Foil/Mylar	26	Least expensive option Uses smaller, slotted screws instead of thumbscrews	
CSMN	DB9, DB15, DB25, DB37, DB50	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar *	26 *	Most similar to industry standard cables	
CSMNB	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar	26	Black color for color matching black computer peripherals	
CS2N	DB9, HDB15, DB25, DB37, DB15	Male-Male, Male-Female	Light Gray	Foil/Mylar + Braid	26	Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CRMN	DB9, DB15, DB25, DB37	Male-Male, Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Reversible hardware feature allows cables to be directly panel mounted without the use of an adapter or any other component	
CSMUZ	DB9, DB15, DB25	Male-Male, Male-Female	Black	Foil/Mylar + Braid	24	Low Smoke Zero Halogen (LSZH) jacket and backshell material significantly reduce the amount of toxic and corrosive gases emitted during combustion. Extra cable shielding and steel internal enclosure provides maximum protection from EMI/RFI corruption	
CSNULL	DB9, DB25, DB25-DB9	Male-Female, Female-Female	Light Gray	Foil/Mylar	26	Data lines wired specifically to allow devices to communicate without the use of modems or other peripherals	
CMZ	DB25 Male-DB9 Female	Male-Female	Light Gray	Foil/Mylar	26	Wired specifically to connect an external modem (DB25) to a PC serial port (DB9)	
CHD	HDB15, HDB26, HDB44, HDB62, HDB78	Male-Male, Male-Female	Light Gray**	See below**	See below**	High density D-Sub connectors utilize more contacts than standard D-Sub connectors even though they use the same size connector shells	
CPMS	DB9, DB15, DB25	Male-Male, Male-Female	Dark Gray	Foil/Mylar + Braid	20	20 AWG conductors allow for maximum current throughput. Extra cable shielding provides maximum protection from EMI/RFI. Reversible hardware feature allows cables to be panel mounted without the use of an adapter or any other component.	

* Exception - CSMN50 is double shielded (foil/mylar + braid) with 28 AWG conductors

** CHD15 & CHD26 are foil/mylar shielded with 26 AWG conductors

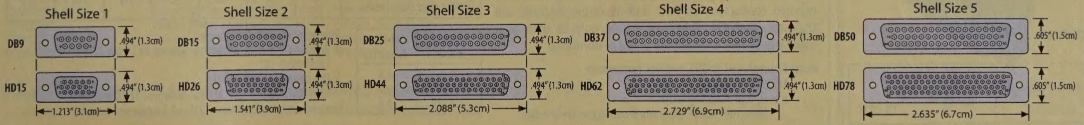
CHD44 is double shielded (foil/mylar + braid) with 24 AWG conductors

CHD62 & CHD78 are double shielded (foil/mylar + braid) with 28 AWG conductors

What is the difference between standard and High-Density D-Sub configurations?

Online Video
L-com.com/Videos/A13

The industry uses 5 different shell sizes; each shell size can have 2 different configurations of pins.
Standard configurations are listed on top and High-Density are listed below.

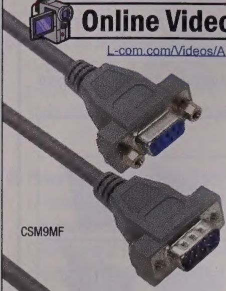


Distinguishing between male and female D-Sub connectors
See the free video tip and more at
L-com.com/Videos/A14

L-com Global Connectivity

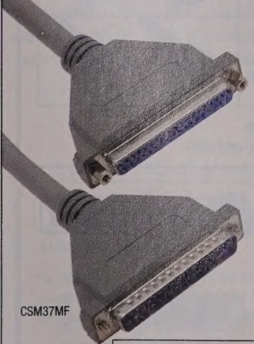
Standard or Hi-Density D-Sub configurations

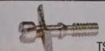
Online Video
L-com.com/Videos/A13


CSM9MF

CSM15MF

CSM25MF

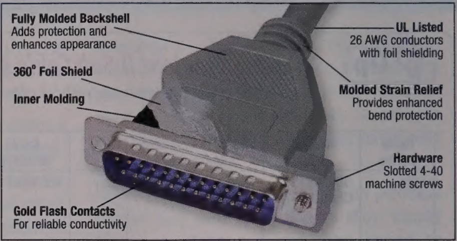

CSM37MF


TS-CSM

Economy D-Sub Cable Assemblies - Fully Populated with 4-40 Hardware

The CSM Series of D-Sub cable assemblies offer solid performance at economical prices. All assemblies utilize 26 AWG stranded conductors with foil shielding for flexibility and performance. Backshells are fully molded for reliability in environments where flexing is an issue. Mating hardware is 4-40 machine screws. Hex nuts on female connectors are removable to expose 4-40 machine screws. Color: Gray.

- **More lengths available. Go to L-com.com**


Fully Molded Backshell
Adds protection and enhances appearance
360° Foil Shield
Inner Molding
Gold Flash Contacts
For reliable conductivity
UL Listed
26 AWG conductors with foil shielding
Molded Strain Relief
Provides enhanced bend protection
Hardware
Slotted 4-40 machine screws

Item #	Description	1-9	10-24	25-99	100-249	250-499
RoHS Economy 9 Pin D-Sub Molded Cables - Common for Serial Connections, Shielded and Fully Populated						
CSM9MM-1	Economy Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	6.15	5.66	5.17	4.67	4.18
CSM9MM-2.5	Economy Molded Cable, DB9 Male / Male, 2.5ft (0.75m)	6.75	6.21	5.67	5.13	4.59
CSM9MM-5	Economy Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	7.75	7.13	6.51	5.89	5.27
CSM9MM-10	Economy Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	9.75	8.97	8.19	7.41	6.63
CSM9MM-25	Economy Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	15.75	14.49	13.23	11.97	10.71
CSM9MF-1	Economy Molded Cable, DB9 Male / Female, 1.0ft (0.3m)	6.15	5.66	5.17	4.67	4.18
CSM9MF-2.5	Economy Molded Cable, DB9 Male / Female, 2.5ft (0.75m)	6.75	6.21	5.67	5.13	4.59
CSM9MF-5	Economy Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	7.75	7.13	6.51	5.89	5.27
CSM9MF-10	Economy Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	9.75	8.97	8.19	7.41	6.63
CSM9MF-15	Economy Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	11.75	10.81	9.87	8.93	7.99
CSM9MF-25	Economy Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	15.75	14.49	13.23	11.97	10.71
CSM9MF-50	Economy Molded Cable, DB9 Male / Female, 50.0ft (15.2m)	25.75	23.69	21.63	19.57	17.51
RoHS Economy 15 Pin D-Sub Molded Cables - For Various Applications, Shielded and Fully Populated						
CSM15MM-1	Economy Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	7.25	6.81	6.38	5.95	5.51
CSM15MM-2.5	Economy Molded Cable, DB15 Male / Male, 2.5ft (0.75m)	8.00	7.52	7.04	6.56	6.08
CSM15MM-5	Economy Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	9.25	8.70	8.14	7.59	7.03
CSM15MM-10	Economy Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	11.75	11.04	10.34	9.64	8.93
CSM15MM-25	Economy Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	19.25	18.09	16.94	15.79	14.63
CSM15MF-1	Economy Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	7.25	6.81	6.38	5.95	5.51
CSM15MF-2.5	Economy Molded Cable, DB15 Male / Female, 2.5ft (0.75m)	8.00	7.52	7.04	6.56	6.08
CSM15MF-5	Economy Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	9.25	8.70	8.14	7.59	7.03
CSM15MF-10	Economy Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	11.75	11.04	10.34	9.64	8.93
CSM15MF-15	Economy Molded Cable, DB15 Male / Female, 15.0ft (4.6m)	14.25	13.39	12.54	11.69	10.83
CSM15MF-50	Economy Molded Cable, DB15 Male / Female, 50.0ft (15.2m)	31.75	29.84	27.94	26.04	24.13
RoHS Economy 25 Pin D-Sub Molded Cables - Shielded and Fully Populated						
CSM25MM-1	Economy Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	7.40	6.81	6.22	5.62	5.03
CSM25MM-2.5	Economy Molded Cable, DB25 Male / Male, 2.5ft (0.75m)	8.00	7.36	6.72	6.08	5.44
CSM25MM-5	Economy Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	9.00	8.28	7.56	6.84	6.12
CSM25MM-10	Economy Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	11.00	10.12	9.24	8.36	7.48
CSM25MM-25	Economy Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	17.00	15.64	14.28	12.92	11.56
CSM25MF-1	Economy Molded Cable, DB25 Male / Female, 1.0ft (0.3m)	7.40	6.81	6.22	5.62	5.03
CSM25MF-2.5	Economy Molded Cable, DB25 Male / Female, 2.5ft (0.75m)	8.00	7.36	6.72	6.08	5.44
CSM25MF-5	Economy Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	9.00	8.28	7.56	6.84	6.12
CSM25MF-10	Economy Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	11.00	10.12	9.24	8.36	7.48
CSM25MF-25	Economy Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	17.00	15.64	14.28	12.92	11.56
CSM25MF-50	Economy Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	27.00	24.84	22.68	20.52	18.36
RoHS Economy 37 Pin D-Sub Molded Cables - Shielded and Fully Populated						
CSM37MM-1	Economy Molded Cable, DB37 Male / Male, 1.0ft (0.3m)	23.50	22.09	20.68	19.27	17.86
CSM37MM-2.5	Economy Molded Cable, DB37 Male / Male, 2.5ft (0.75m)	25.00	23.50	22.00	20.50	19.00
CSM37MM-5	Economy Molded Cable, DB37 Male / Male, 5.0ft (1.5m)	27.50	25.85	24.20	22.55	20.90
CSM37MM-10	Economy Molded Cable, DB37 Male / Male, 10.0ft (3.0m)	32.50	30.55	28.60	26.65	24.70
CSM37MF-1	Economy Molded Cable, DB37 Male / Female, 1.0ft (0.3m)	23.50	22.09	20.68	19.27	17.86
CSM37MF-2.5	Economy Molded Cable, DB37 Male / Female, 2.5ft (0.75m)	25.00	23.50	22.00	20.50	19.00
CSM37MF-5	Economy Molded Cable, DB37 Male / Female, 5.0ft (1.5m)	27.50	25.85	24.20	22.55	20.90
CSM37MF-10	Economy Molded Cable, DB37 Male / Female, 10.0ft (3.0m)	32.50	30.55	28.60	26.65	24.70
CSM37MF-25	Economy Molded Cable, DB37 Male / Female, 25.0ft (7.6m)	47.50	44.65	41.80	38.95	36.10
RoHS Replacement 4-40 Screws for CSM Series Assemblies - Sold in 10/Packs						
TS-CSM	Replacement Screws for CSM Series Assemblies, Pkg/10	3.30	3.10	2.90	2.71	2.51

Tip

Copper wire current carrying capacity

Current carrying capacity is the maximum number of amperes (amps) that can flow through a conductor before it breaks down. Many factors determine actual current carrying capacity including conductor size, temperature, number of bundled conductors, air flow and insulation material and thickness. Therefore, this chart should only be used as a general guideline to determine actual performance.

Note: Figures based on 30°C ambient temperature
Units are measured in Amps
x = Current reduction factor
Reduction factors apply when conductors are bundled

INSULATION MATERIAL	WIRE SIZE						
	30 AWG	28 AWG	26 AWG	24 AWG	22 AWG	20 AWG	18 AWG
PVC - Standard Data Cables	2x	3x	4x	6x	8x	10x	15x
Polyethylene - Low Smoke, Zero Halogen Cable	3x	4x	5x	7x	9x	12x	17x
Halar - Plenum, High Temperature Data Cable	3x	5x	6x	8x	11x	14x	20x

# Bundled Conductors	Reduction Factor (x)
2-5	0.8
6-15	0.7
16-30	0.5

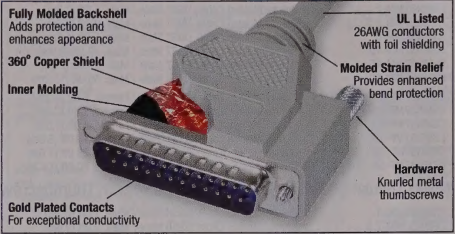
Example:
Q: What is the estimated current capacity for L-com data cable CSMN9MM-10?
A: The important factors are:
1) 26 AWG conductors, 2) PVC Insulation, 3) 9 Conductors.
The current rating is: [4x(x=0.7)] = 2.8 Amps per conductor.

> "I find that the layout of your printed catalog allows me to efficiently and painlessly find what I am looking for. In particular I think the system of putting the pictures in a bar on the edge of the page really helps when I'm looking for a specific category of products."
> - David Weiser, Spherion.com

Deluxe D-Sub Cable Assemblies - Fully Populated with 4-40 Thumbscrews

The CSMN Series of D-Sub cable assemblies is our middle of the line offering excellent performance and lower pricing. All assemblies utilize 26AWG stranded conductors with foil shielding for flexibility and performance. Backshells are fully molded with copper shielding for better immunity to outside noise. Mating hardware is 4-40 thumbscrews which makes securing without tools quick and easy. Hex nuts on female connectors are removable to expose 4-40 thumbscrews. **Note:** 50 pin assemblies use 28AWG twisted pairs due to space constraints in backshell molding. Color: Light Gray.

- **See L-com's Master Catalog or website for our Economy Molded D-Sub Cable Assemblies**
- **More lengths available. Go to L-com.com**
- **New Female / Female in DB9, DB15 and DB25**


Fully Molded Backshell
Adds protection and enhances appearance
360° Copper Shield
Inner Molding
Gold Plated Contacts
For exceptional conductivity
UL Listed
26AWG conductors with foil shielding
Molded Strain Relief
Provides enhanced bend protection
Hardware
Knurled metal thumbscrews

RoHS Deluxe 9 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMN9MM-1	Deluxe Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	6.75	6.21	5.67	5.13	4.59
CSMN9MM-2.5	Deluxe Molded Cable, DB9 Male / Male, 2.5ft (0.8m)	7.50	6.90	6.30	5.70	5.10
CSMN9MM-5	Deluxe Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	8.75	8.05	7.35	6.65	5.95
CSMN9MM-10	Deluxe Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	11.25	10.35	9.45	8.55	7.65
CSMN9MM-15	Deluxe Molded Cable, DB9 Male / Male, 15.0ft (4.6m)	13.75	12.65	11.55	10.45	9.35
CSMN9MM-25	Deluxe Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN9MM-125	Deluxe Molded Cable, DB9 Male / Male, 125.0ft (38.1m)	68.75	63.25	57.75	52.25	46.75
CSMN9MF-1	Deluxe Molded Cable, DB9 Male / Female, 1.0ft (0.3m)	6.75	6.21	5.67	5.13	4.59
CSMN9MF-2.5	Deluxe Molded Cable, DB9 Male / Female, 2.5ft (0.8m)	7.50	6.90	6.30	5.70	5.10
CSMN9MF-5	Deluxe Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	8.75	8.05	7.35	6.65	5.95
CSMN9MF-10	Deluxe Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	11.25	10.35	9.45	8.55	7.65
CSMN9MF-15	Deluxe Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	13.75	12.65	11.55	10.45	9.35
CSMN9MF-25	Deluxe Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN9FF-1	Deluxe Molded Cable, DB9 Female / Female, 1.0ft (0.3m)	6.75	6.21	5.67	5.13	4.59
CSMN9FF-2.5	Deluxe Molded Cable, DB9 Female / Female, 2.5ft (0.8m)	7.50	6.90	6.30	5.70	5.10
CSMN9FF-5	Deluxe Molded Cable, DB9 Female / Female, 5.0ft (1.5m)	8.75	8.05	7.35	6.65	5.95
CSMN9FF-10	Deluxe Molded Cable, DB9 Female / Female, 10.0ft (3.0m)	11.25	10.35	9.45	8.55	7.65
CSMN9FF-15	Deluxe Molded Cable, DB9 Female / Female, 15.0ft (4.6m)	13.75	12.65	11.55	10.45	9.35
CSMN9FF-25	Deluxe Molded Cable, DB9 Female / Female, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN9FF-50	Deluxe Molded Cable, DB9 Female / Female, 50.0ft (15.2m)	31.25	28.75	26.25	23.75	21.25

RoHS Deluxe 15 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

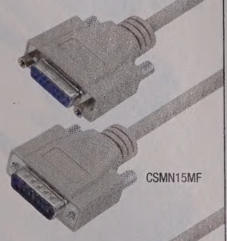
Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMN15MM-1	Deluxe Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	10.35	9.73	9.11	8.49	7.87
CSMN15MM-2.5	Deluxe Molded Cable, DB15 Male / Male, 2.5ft (0.8m)	11.25	10.57	9.90	9.23	8.55
CSMN15MM-5	Deluxe Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	12.75	11.98	11.22	10.46	9.69
CSMN15MM-10	Deluxe Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	15.75	14.80	13.86	12.92	11.97
CSMN15MM-15	Deluxe Molded Cable, DB15 Male / Male, 15.0ft (4.6m)	18.75	17.63	16.50	15.38	14.25
CSMN15MM-25	Deluxe Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	24.75	23.26	21.78	20.30	18.81
CSMN15MM-50	Deluxe Molded Cable, DB15 Male / Male, 50.0ft (15.2m)	39.75	37.36	34.98	32.60	30.21
CSMN15MF-1	Deluxe Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	10.35	9.73	9.11	8.49	7.87
CSMN15MF-2.5	Deluxe Molded Cable, DB15 Male / Female, 2.5ft (0.8m)	11.25	10.57	9.90	9.23	8.55
CSMN15MF-5	Deluxe Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	12.75	11.98	11.22	10.46	9.69
CSMN15MF-10	Deluxe Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	15.75	14.80	13.86	12.92	11.97
CSMN15MF-15	Deluxe Molded Cable, DB15 Male / Female, 15.0ft (4.6m)	18.75	17.63	16.50	15.38	14.25
CSMN15MF-25	Deluxe Molded Cable, DB15 Male / Female, 25.0ft (7.6m)	24.75	23.26	21.78	20.30	18.81
CSMN15MF-50	Deluxe Molded Cable, DB15 Male / Female, 50.0ft (15.2m)	39.75	37.36	34.98	32.60	30.21
CSMN15FF-1	Deluxe Molded Cable, DB15 Female / Female, 1.0ft (0.3m)	10.35	9.73	9.11	8.49	7.87
CSMN15FF-2.5	Deluxe Molded Cable, DB15 Female / Female, 2.5ft (0.8m)	11.25	10.57	9.90	9.23	8.55
CSMN15FF-5	Deluxe Molded Cable, DB15 Female / Female, 5.0ft (1.5m)	12.75	11.98	11.22	10.46	9.69
CSMN15FF-10	Deluxe Molded Cable, DB15 Female / Female, 10.0ft (3.0m)	15.75	14.80	13.86	12.92	11.97
CSMN15FF-15	Deluxe Molded Cable, DB15 Female / Female, 15.0ft (4.6m)	18.75	17.63	16.50	15.38	14.25
CSMN15FF-25	Deluxe Molded Cable, DB15 Female / Female, 25.0ft (7.6m)	24.75	23.26	21.78	20.30	18.81
CSMN15FF-50	Deluxe Molded Cable, DB15 Female / Female, 50.0ft (15.2m)	39.75	37.36	34.98	32.60	30.21

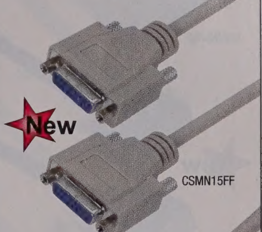
RoHS Deluxe 25 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

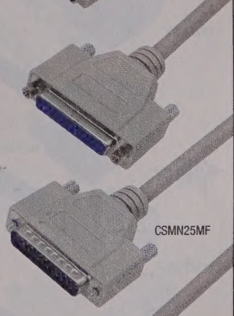
Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMN25MM-1	Deluxe Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	9.15	8.42	7.69	6.95	6.22
CSMN25MM-2.5	Deluxe Molded Cable, DB25 Male / Male, 2.5ft (0.8m)	9.75	8.97	8.19	7.41	6.63
CSMN25MM-5	Deluxe Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	10.75	9.89	9.03	8.17	7.31
CSMN25MM-10	Deluxe Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	12.75	11.73	10.71	9.69	8.67
CSMN25MM-15	Deluxe Molded Cable, DB25 Male / Male, 15.0ft (4.6m)	14.75	13.57	12.39	11.21	10.03
CSMN25MM-25	Deluxe Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN25MM-125	Deluxe Molded Cable, DB25 Male / Male, 125.0ft (38.1m)	58.75	54.05	49.35	44.65	39.95
CSMN25MF-1	Deluxe Molded Cable, DB25 Male / Female, 1.0ft (0.3m)	9.15	8.42	7.69	6.95	6.22
CSMN25MF-2.5	Deluxe Molded Cable, DB25 Male / Female, 2.5ft (0.8m)	9.75	8.97	8.19	7.41	6.63
CSMN25MF-5	Deluxe Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	10.75	9.89	9.03	8.17	7.31
CSMN25MF-10	Deluxe Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	12.75	11.73	10.71	9.69	8.67
CSMN25MF-15	Deluxe Molded Cable, DB25 Male / Female, 15.0ft (4.6m)	14.75	13.57	12.39	11.21	10.03
CSMN25MF-25	Deluxe Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN25MF-50	Deluxe Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	28.75	26.45	24.15	21.85	19.55
CSMN25FF-1	Deluxe Molded Cable, DB25 Female / Female, 1.0ft (0.3m)	9.15	8.42	7.69	6.95	6.22
CSMN25FF-2.5	Deluxe Molded Cable, DB25 Female / Female, 2.5ft (0.8m)	9.75	8.97	8.19	7.41	6.63
CSMN25FF-5	Deluxe Molded Cable, DB25 Female / Female, 5.0ft (1.5m)	10.75	9.89	9.03	8.17	7.31
CSMN25FF-10	Deluxe Molded Cable, DB25 Female / Female, 10.0ft (3.0m)	12.75	11.73	10.71	9.69	8.67
CSMN25FF-15	Deluxe Molded Cable, DB25 Female / Female, 15.0ft (4.6m)	14.75	13.57	12.39	11.21	10.03
CSMN25FF-25	Deluxe Molded Cable, DB25 Female / Female, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMN25FF-50	Deluxe Molded Cable, DB25 Female / Female, 50.0ft (15.2m)	28.75	26.45	24.15	21.85	19.55

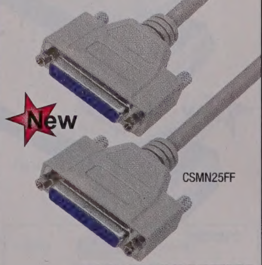
RoHS Replacement 4-40 Screws for CSMN Series Assemblies - Sold in 10/Packs

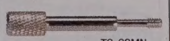
Item #	Description	1-9	10-24	25-99	100-249	250-499
TS-CSMN	Replacement Screws for CSMN Series Assemblies, Pkg/10	4.10	3.85	3.61	3.36	3.12











Assembled vs molded D-Sub connectors
See the difference at L-com.com/BackshellConstruction

L-com® Global Connectivity

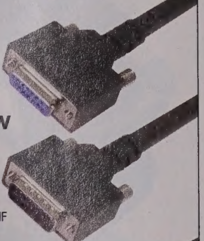
CSMN37MF

CSMN50MF

New

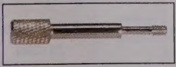
CPMS9MF

New


CPMS15MF

New

CPMS25MF



RoHS Deluxe 37 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMN37MM-1	Deluxe Molded Cable, DB37 Male / Male, 1.0ft (0.3m)	26.00	24.44	22.88	21.32	19.76
CSMN37MM-2.5	Deluxe Molded Cable, DB37 Male / Male, 2.5ft (0.8m)	27.50	25.85	24.20	22.55	20.90
CSMN37MM-5	Deluxe Molded Cable, DB37 Male / Male, 5.0ft (1.5m)	30.00	28.20	26.40	24.60	22.80
CSMN37MM-10	Deluxe Molded Cable, DB37 Male / Male, 10.0ft (3.0m)	35.00	32.90	30.80	28.70	26.60
CSMN37MM-25	Deluxe Molded Cable, DB37 Male / Male, 25.0ft (7.6m)	50.00	47.00	44.00	41.00	38.00
CSMN37MM-50	Deluxe Molded Cable, DB37 Male / Male, 50.0ft (15.2m)	75.00	70.50	66.00	61.50	57.00
CSMN37MF-1	Deluxe Molded Cable, DB37 Male / Female, 1.0ft (0.3m)	26.00	24.44	22.88	21.32	19.76
CSMN37MF-2.5	Deluxe Molded Cable, DB37 Male / Female, 2.5ft (0.8m)	27.50	25.85	24.20	22.55	20.90
CSMN37MF-5	Deluxe Molded Cable, DB37 Male / Female, 5.0ft (1.5m)	30.00	28.20	26.40	24.60	22.80
CSMN37MF-10	Deluxe Molded Cable, DB37 Male / Female, 10.0ft (3.0m)	35.00	32.90	30.80	28.70	26.60
CSMN37MF-25	Deluxe Molded Cable, DB37 Male / Female, 25.0ft (7.6m)	50.00	47.00	44.00	41.00	38.00
CSMN37MF-50	Deluxe Molded Cable, DB37 Male / Female, 50.0ft (15.2m)	75.00	70.50	66.00	61.50	57.00

RoHS Deluxe 50 Pin D-Sub Molded Cables with Thumbscrews - Shielded and Fully Populated

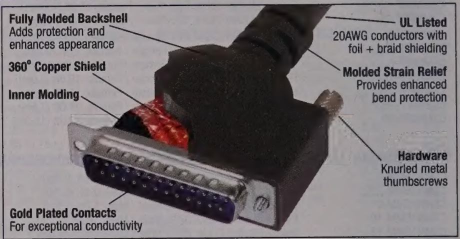
Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMN50MM-1	Deluxe Molded Cable, DB50 Male / Male, 1.0ft (0.3m)	47.00	44.18	41.36	38.54	35.72
CSMN50MM-2.5	Deluxe Molded Cable, DB50 Male / Male, 2.5ft (0.8m)	51.50	48.41	45.32	42.23	39.14
CSMN50MM-10	Deluxe Molded Cable, DB50 Male / Male, 10.0ft (3.0m)	74.00	69.56	65.12	60.68	56.24
CSMN50MM-25	Deluxe Molded Cable, DB50 Male / Male, 25.0ft (7.6m)	119.00	111.86	104.72	97.58	90.44
CSMN50MM-50	Deluxe Molded Cable, DB50 Male / Male, 50.0ft (15.2m)	194.00	182.36	170.72	159.08	147.44
CSMN50MF-1	Deluxe Molded Cable, DB50 Male / Female, 1.0ft (0.3m)	47.00	44.18	41.36	38.54	35.72
CSMN50MF-2.5	Deluxe Molded Cable, DB50 Male / Female, 2.5ft (0.8m)	51.50	48.41	45.32	42.23	39.14
CSMN50MF-10	Deluxe Molded Cable, DB50 Male / Female, 10.0ft (3.0m)	74.00	69.56	65.12	60.68	56.24
CSMN50MF-25	Deluxe Molded Cable, DB50 Male / Female, 25.0ft (7.6m)	119.00	111.86	104.72	97.58	90.44
CSMN50MF-50	Deluxe Molded Cable, DB50 Male / Female, 50.0ft (15.2m)	194.00	182.36	170.72	159.08	147.44

RoHS Replacement 4-40 Screws for CSMN Series Assemblies - Sold in 10/Packs

Item #	Description	1-9	10-24	25-99	100-249	250-499
TS-CSMN	Replacement Screws for CSMN Series Assemblies, Pkg/10	4.10	3.85	3.61	3.36	3.12

Heavy Duty D-Sub Cables - 20 AWG Conductors, Double Shielded

L-com's new, ground breaking D-Sub cables use 20 AWG conductors, the largest conductor most D-Sub connectors can accommodate. This allows for maximum current throughput as well as an extremely durable assembly. Other key features include double shielding to prevent against data corrupting EMI/RFI, threaded inserts allowing the cable to be panel mounted directly without use of an adapter, and straight through wiring to accommodate most applications. Standard lengths range from 1 to 50ft (0.3 to 15.2m) and custom lengths/pinouts are available with modest minimum requirements.


Fully Molded Backshell
Adds protection and enhances appearance
360° Copper Shield
Inner Molding
Gold Plated Contacts
For exceptional conductivity
UL Listed
20AWG conductors with foil + braid shielding
Molded Strain Relief
Provides enhanced bend protection
Hardware
Knurled metal thumbscrews

RoHS Heavy Duty 9 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
CPMS9MM-1	Heavy Duty Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	15.50	14.57	13.64	12.71	11.78
CPMS9MM-2.5	Heavy Duty Molded Cable, DB9 Male / Male, 2.5ft (0.8m)	18.15	17.06	15.97	14.88	13.79
CPMS9MM-5	Heavy Duty Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	22.50	21.15	19.80	18.45	17.10
CPMS9MM-10	Heavy Duty Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	31.25	29.38	27.50	25.63	23.75
CPMS9MM-25	Heavy Duty Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	57.50	54.05	50.60	47.15	43.70
CPMS9MM-50	Heavy Duty Molded Cable, DB9 Male / Male, 50.0ft (15.2m)	101.25	95.17	89.10	83.03	76.95
CPMS9MF-1	Heavy Duty Molded Cable, DB9 Male / Female, 1.0ft (0.3m)	15.50	14.57	13.64	12.71	11.78
CPMS9MF-2.5	Heavy Duty Molded Cable, DB9 Male / Female, 2.5ft (0.8m)	18.15	17.06	15.97	14.88	13.79
CPMS9MF-5	Heavy Duty Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	22.50	21.15	19.80	18.45	17.10
CPMS9MF-10	Heavy Duty Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	31.25	29.38	27.50	25.63	23.75
CPMS9MF-25	Heavy Duty Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	57.50	54.05	50.60	47.15	43.70
CPMS9MF-50	Heavy Duty Molded Cable, DB9 Male / Female, 50.0ft (15.2m)	101.25	95.17	89.10	83.03	76.95

RoHS Heavy Duty 15 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
CPMS15MM-1	Heavy Duty Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	21.50	20.21	18.92	17.63	16.34
CPMS15MM-2.5	Heavy Duty Molded Cable, DB15 Male / Male, 2.5ft (0.8m)	25.65	24.11	22.57	21.03	19.49
CPMS15MM-5	Heavy Duty Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	32.50	30.55	28.60	26.65	24.70
CPMS15MM-10	Heavy Duty Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	46.25	43.47	40.70	37.93	35.15
CPMS15MM-25	Heavy Duty Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	87.50	82.25	77.00	71.75	66.50
CPMS15MM-50	Heavy Duty Molded Cable, DB15 Male / Male, 50.0ft (15.2m)	156.25	146.88	137.50	128.13	118.75
CPMS15MF-1	Heavy Duty Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	21.50	20.21	18.92	17.63	16.34
CPMS15MF-2.5	Heavy Duty Molded Cable, DB15 Male / Female, 2.5ft (0.8m)	25.65	24.11	22.57	21.03	19.49
CPMS15MF-5	Heavy Duty Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	32.50	30.55	28.60	26.65	24.70
CPMS15MF-10	Heavy Duty Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	46.25	43.47	40.70	37.93	35.15
CPMS15MF-25	Heavy Duty Molded Cable, DB15 Male / Female, 25.0ft (7.6m)	87.50	82.25	77.00	71.75	66.50
CPMS15MF-50	Heavy Duty Molded Cable, DB15 Male / Female, 50.0ft (15.2m)	156.25	146.88	137.50	128.13	118.75

RoHS Heavy Duty 25 Pin D-Sub Molded Cables with Thumbscrews - 20 AWG Conductors, Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
CPMS25MM-1	Heavy Duty Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	28.50	26.79	25.08	23.37	21.66
CPMS25MM-2.5	Heavy Duty Molded Cable, DB25 Male / Male, 2.5ft (0.8m)	35.65	33.51	31.37	29.23	27.09
CPMS25MM-5	Heavy Duty Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	47.50	44.65	41.80	38.95	36.10
CPMS25MM-10	Heavy Duty Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	71.25	66.97	62.70	58.43	54.15
CPMS25MM-25	Heavy Duty Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	142.50	133.95	125.40	116.85	108.30
CPMS25MM-50	Heavy Duty Molded Cable, DB25 Male / Male, 50.0ft (15.2m)	261.25	245.57	229.90	214.23	198.55
CPMS25MF-1	Heavy Duty Molded Cable, DB25 Male / Female, 1.0ft (0.3m)	28.50	26.79	25.08	23.37	21.66
CPMS25MF-2.5	Heavy Duty Molded Cable, DB25 Male / Female, 2.5ft (0.8m)	35.65	33.51	31.37	29.23	27.09
CPMS25MF-5	Heavy Duty Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	47.50	44.65	41.80	38.95	36.10
CPMS25MF-10	Heavy Duty Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	71.25	66.97	62.70	58.43	54.15
CPMS25MF-25	Heavy Duty Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	142.50	133.95	125.40	116.85	108.30
CPMS25MF-50	Heavy Duty Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	261.25	245.57	229.90	214.23	198.55

RoHS Replacement 4-40 Screws for CPMS Series Assemblies - Sold in 10/Packs

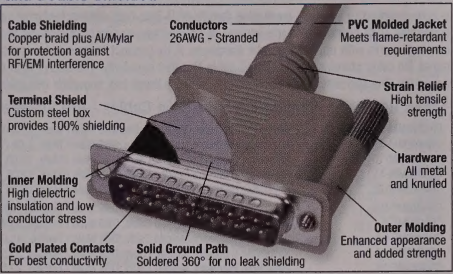
Item #	Description	1-9	10-24	25-99	100-249	250-499
TS-CSMN	Replacement Screws for CPMS Series Assemblies, Pkg/10	4.10	3.85	3.61	3.36	3.12

Flammability and toxicity ratings of cable jackets
See the free video tip and more at
L-com.com/Videos/A20

Premium D-Sub Cable Assemblies - Fully Populated and Double Shielded

The CS2N Series of D-Sub cable assemblies is our top of the line D-Sub cabling offering. These cables offer the best features for those applications where only the best will do. The bulk cable utilizes 26AWG stranded conductors with double shielding (copper braid plus aluminum mylar foil) and flexible PVC jacket. Fully molded backshells also have a unique stamped steel internal enclosure that provides the ultimate in shielding performance. Mounting is done via rugged 4-40 thumbscrews that are easy to grip without the need for a screwdriver. Hex nuts on female connectors are removable to expose 4-40 thumbscrews. Color: Light Gray.

- **More lengths available. Go to L-com.com**


Cable Shielding
Copper braid plus Al/Mylar for protection against RFI/EMI interference
Conductors
26AWG - Stranded
PVC Molded Jacket
Meets flame-retardant requirements
Terminal Shield
Custom steel box provides 100% shielding
Strain Relief
High tensile strength
Hardware
All metal and knurled
Inner Molding
High dielectric insulation and low conductor stress
Outer Molding
Enhanced appearance and added strength
Gold Plated Contacts
For best conductivity
Solid Ground Path
Soldered 360° for no leak shielding

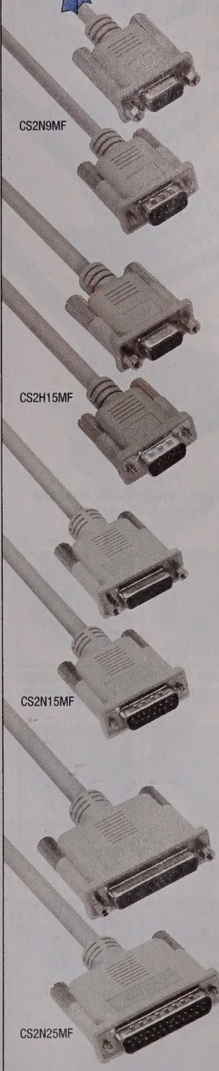
Item #	Description	1-9	10-24	25-99	100-249	250-499
✓RoHS Premium 9 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded						
CS2N9MM-1	Premium Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	14.90	14.01	13.11	12.22	11.32
CS2N9MM-2.5	Premium Molded Cable, DB9 Male / Male, 2.5ft (0.75m)	16.25	15.27	14.30	13.33	12.35
CS2N9MM-6	Premium Molded Cable, DB9 Male / Male, 6.0ft (1.8m)	19.40	18.24	17.07	15.91	14.74
CS2N9MM-10	Premium Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	23.00	21.62	20.24	18.86	17.48
CS2N9MM-15	Premium Molded Cable, DB9 Male / Male, 15.0ft (4.6m)	27.50	25.85	24.20	22.55	20.90
CS2N9MM-25	Premium Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	36.50	34.31	32.12	29.93	27.74
CS2N9MM-50	Premium Molded Cable, DB9 Male / Male, 50.0ft (15.2m)	59.00	55.46	51.92	48.38	44.84
CS2N9MF-1	Premium Molded Cable, DB9 Male / Female, 1.0ft (0.3m)	14.90	14.01	13.11	12.22	11.32
CS2N9MF-2.5	Premium Molded Cable, DB9 Male / Female, 2.5ft (0.75m)	16.25	15.27	14.30	13.33	12.35
CS2N9MF-6	Premium Molded Cable, DB9 Male / Female, 6.0ft (1.8m)	19.40	18.24	17.07	15.91	14.74
CS2N9MF-10	Premium Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	23.00	21.62	20.24	18.86	17.48
CS2N9MF-15	Premium Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	27.50	25.85	24.20	22.55	20.90
CS2N9MF-25	Premium Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	36.50	34.31	32.12	29.93	27.74
CS2N9MF-50	Premium Molded Cable, DB9 Male / Female, 50.0ft (15.2m)	59.00	55.46	51.92	48.38	44.84
✓RoHS Premium HD15 D-Sub Cables - Molded, Fully Populated and Double Shielded						
CS2H15MM-1	Premium Molded Cable, HD15 Male / Male, 1.0ft (0.3m)	19.00	17.86	16.72	15.58	14.44
CS2H15MM-2.5	Premium Molded Cable, HD15 Male / Male, 2.5ft (0.75m)	20.50	19.27	18.04	16.81	15.58
CS2H15MM-5	Premium Molded Cable, HD15 Male / Male, 5.0ft (1.5m)	23.00	21.62	20.24	18.86	17.48
CS2H15MM-10	Premium Molded Cable, HD15 Male / Male, 10.0ft (3.0m)	28.00	26.32	24.64	22.96	21.28
CS2H15MM-25	Premium Molded Cable, HD15 Male / Male, 25.0ft (7.6m)	43.00	40.42	37.84	35.26	32.68
CS2H15MM-50	Premium Molded Cable, HD15 Male / Male, 50.0ft (15.2m)	68.00	63.92	59.84	55.76	51.68
CS2H15MF-1	Premium Molded Cable, HD15 Male / Female, 1.0ft (0.3m)	19.00	17.86	16.72	15.58	14.44
CS2H15MF-2.5	Premium Molded Cable, HD15 Male / Female, 2.5ft (0.75m)	20.50	19.27	18.04	16.81	15.58
CS2H15MF-5	Premium Molded Cable, HD15 Male / Female, 5.0ft (1.5m)	23.00	21.62	20.24	18.86	17.48
CS2H15MF-10	Premium Molded Cable, HD15 Male / Female, 10.0ft (3.0m)	28.00	26.32	24.64	22.96	21.28
CS2H15MF-25	Premium Molded Cable, HD15 Male / Female, 25.0ft (7.6m)	43.00	40.42	37.84	35.26	32.68
CS2H15MF-50	Premium Molded Cable, HD15 Male / Female, 50.0ft (15.2m)	68.00	63.92	59.84	55.76	51.68
✓RoHS Premium DB15 D-Sub Cables - Molded, Fully Populated and Double Shielded						
CS2N15MM-1	Premium Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	19.20	18.05	16.90	15.74	14.59
CS2N15MM-2.5	Premium Molded Cable, DB15 Male / Male, 2.5ft (0.75m)	20.40	19.18	17.95	16.73	15.50
CS2N15MM-5	Premium Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	22.00	20.68	19.36	18.04	16.72
CS2N15MM-10	Premium Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	25.50	23.97	22.44	20.91	19.38
CS2N15MM-25	Premium Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	36.00	33.84	31.68	29.52	27.36
CS2N15MF-1	Premium Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	19.20	18.05	16.90	15.74	14.59
CS2N15MF-2.5	Premium Molded Cable, DB15 Male / Female, 2.5ft (0.75m)	20.40	19.18	17.95	16.73	15.50
CS2N15MF-5	Premium Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	22.00	20.68	19.36	18.04	16.72
CS2N15MF-10	Premium Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	25.50	23.97	22.44	20.91	19.38
CS2N15MF-25	Premium Molded Cable, DB15 Male / Female, 25.0ft (7.6m)	36.00	33.84	31.68	29.52	27.36
✓RoHS Premium 25 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded						
CS2N25MM-1	Premium Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	21.00	19.74	18.48	17.22	15.96
CS2N25MM-2.5	Premium Molded Cable, DB25 Male / Male, 2.5ft (0.75m)	22.50	21.15	19.80	18.45	17.10
CS2N25MM-5	Premium Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	25.00	23.50	22.00	20.50	19.00
CS2N25MM-10	Premium Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	30.00	28.20	26.40	24.60	22.80
CS2N25MM-25	Premium Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	45.00	42.30	39.60	36.90	34.20
CS2N25MM-50	Premium Molded Cable, DB25 Male / Male, 50.0ft (15.2m)	70.00	65.80	61.60	57.40	53.20
CS2N25MF-1	Premium Molded Cable, DB25 Male / Female, 1.0ft (0.3m)	21.00	19.74	18.48	17.22	15.96
CS2N25MF-5	Premium Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	25.00	23.50	22.00	20.50	19.00
CS2N25MF-10	Premium Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	30.00	28.20	26.40	24.60	22.80
CS2N25MF-25	Premium Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	45.00	42.30	39.60	36.90	34.20
CS2N25MF-50	Premium Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	70.00	65.80	61.60	57.40	53.20
✓RoHS Premium 37 Pin D-Sub Cables - Molded, Fully Populated and Double Shielded						
CS2N37MM-1	Premium Molded Cable, DB37 Male / Male, 1.0ft (0.3m)	36.50	34.31	32.12	29.93	27.74
CS2N37MM-2.5	Premium Molded Cable, DB37 Male / Male, 2.5ft (0.75m)	38.75	36.42	34.10	31.78	29.45
CS2N37MM-5	Premium Molded Cable, DB37 Male / Male, 5.0ft (1.5m)	42.50	39.95	37.40	34.85	32.30
CS2N37MM-10	Premium Molded Cable, DB37 Male / Male, 10.0ft (3.0m)	50.00	47.00	44.00	41.00	38.00
CS2N37MM-25	Premium Molded Cable, DB37 Male / Male, 25.0ft (7.6m)	72.50	68.15	63.80	59.45	55.10
CS2N37MF-1	Premium Molded Cable, DB37 Male / Female, 1.0ft (0.3m)	36.50	34.31	32.12	29.93	27.74
CS2N37MF-2.5	Premium Molded Cable, DB37 Male / Female, 2.5ft (0.75m)	38.75	36.42	34.10	31.78	29.45
CS2N37MF-5	Premium Molded Cable, DB37 Male / Female, 5.0ft (1.5m)	42.50	39.95	37.40	34.85	32.30
CS2N37MF-10	Premium Molded Cable, DB37 Male / Female, 10.0ft (3.0m)	50.00	47.00	44.00	41.00	38.00
CS2N37MF-25	Premium Molded Cable, DB37 Male / Female, 25.0ft (7.6m)	72.50	68.15	63.80	59.45	55.10
✓RoHS Replacement 4-40 Screws for CS2N and CS2H Series Assemblies - Sold in 10/Packs						
TS-CS21	Replacement Screws for CS2N9, CS2N15, CS2H15 Series Assemblies, Pkg/10	3.90	3.67	3.43	3.20	2.96
TS-CS2N25	Replacement Screws for CS2N25 Series Assemblies, Pkg/10	4.10	3.85	3.61	3.36	3.12
TS-CS2N37	Replacement Screws for CS2N37 Series Assemblies, Pkg/10	4.25	3.99	3.74	3.49	3.23

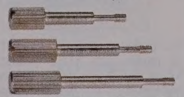
No more D-Sub connector gender confusion!

Online Video

L-com.com/Videos/A14

Best Seller

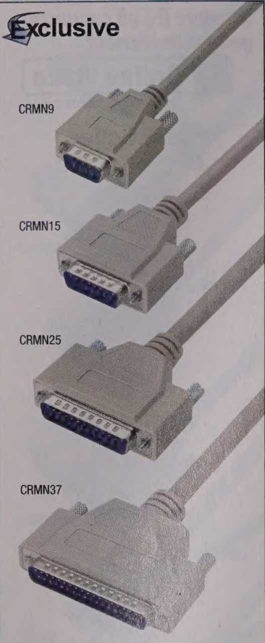




Distinguishing between male and female D-Sub connectors

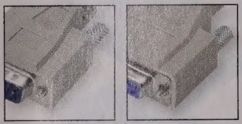
See the free video tip and more at
L-com.com/Videos/A14

Exclusive



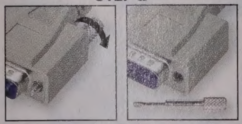
Comes complete with male and female 4-40 hardware.

STEP 1



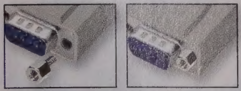
This cable is shipped with male knurled thumbscrews regardless of D-Sub gender.

STEP 2



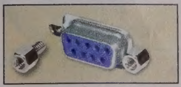
If you need a female fastening system, simply unscrew the knurled thumbscrew.

STEP 3



Then: install (thread) hex jack screws provided with an instruction sheet.

STEP 4



To install your cable on a panel it should be no thicker than 0.062" (0.2cm). Simply follow step 2. Provide proper panel opening, install the hex jack screw and tighten.

Data Cables - With Reversible Hardware to Mate Any Serial Cables or Mount on Panels

L-com is proud to offer an ***exclusive family*** of D-Sub data cables featuring user defined mounting hardware. Each cable end is capable of being connected with either male jack screws or female hex standoffs regardless of D-Sub gender. This capability allows a user much more flexibility to interface ports with opposite gender hardware. A by-product feature is to use the same cable with the male or female connector end mounted on a panel. No other standard off-the-shelf cable has this capability. The secret is in the kit of four custom hex standoffs that are included with each cable assembly. The specially made cable readily accepts these hex standoffs mounting on panels no thicker than 0.062" (0.2cm).

☑RoHS Reversing Hardware 9 Pin D-Sub Cables - Are Shielded and Fully Populated

Item #	Description	1-9	10-24	25-99	100-249	250-499
CRMN9MM-2.5	Reversible Hardware Molded Cable, DB9 Male / Male, 2.5ft (0.75m)	14.75	13.57	12.39	11.21	10.03
CRMN9MM-5	Reversible Hardware Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	15.75	14.49	13.23	11.97	10.71
CRMN9MM-10	Reversible Hardware Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	17.50	16.10	14.70	13.30	11.90
CRMN9MM-15	Reversible Hardware Molded Cable, DB9 Male / Male, 15.0ft (4.6m)	19.25	17.71	16.17	14.63	13.09
CRMN9MM-25	Reversible Hardware Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	22.75	20.93	19.11	17.29	15.47
CRMN9MF-2.5	Reversible Hardware Molded Cable, DB9 Male / Female, 2.5ft (0.75m)	14.75	13.57	12.39	11.21	10.03
CRMN9MF-5	Reversible Hardware Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	15.75	14.49	13.23	11.97	10.71
CRMN9MF-10	Reversible Hardware Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	17.50	16.10	14.70	13.30	11.90
CRMN9MF-15	Reversible Hardware Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	19.25	17.71	16.17	14.63	13.09
CRMN9MF-25	Reversible Hardware Molded Cable, DB9 Male / Female, 25.0ft (7.6m)	22.75	20.93	19.11	17.29	15.47
CRMN9FF-2.5	Reversible Hardware Molded Cable, DB9 Female / Female, 2.5ft (0.75m)	14.75	13.57	12.39	11.21	10.03
CRMN9FF-5	Reversible Hardware Molded Cable, DB9 Female / Female, 5.0ft (1.5m)	15.75	14.49	13.23	11.97	10.71
CRMN9FF-10	Reversible Hardware Molded Cable, DB9 Female / Female, 10.0ft (3.0m)	17.50	16.10	14.70	13.30	11.90
CRMN9FF-15	Reversible Hardware Molded Cable, DB9 Female / Female, 15.0ft (4.6m)	19.25	17.71	16.17	14.63	13.09
CRMN9FF-25	Reversible Hardware Molded Cable, DB9 Female / Female, 25.0ft (7.6m)	22.75	20.93	19.11	17.29	15.47

☑RoHS Reversing Hardware 15 Pin D-Sub Cables - Are Shielded and Fully Populated

CRMN15MM-2.5	Reversible Hardware Molded Cable, DB15 Male / Male, 2.5ft (0.75m)	18.00	16.56	15.12	13.68	12.24
CRMN15MM-5	Reversible Hardware Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	19.25	17.71	16.17	14.63	13.09
CRMN15MM-10	Reversible Hardware Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	21.50	19.78	18.06	16.34	14.62
CRMN15MM-15	Reversible Hardware Molded Cable, DB15 Male / Male, 15.0ft (4.6m)	23.75	21.85	19.95	18.05	16.15
CRMN15MF-2.5	Reversible Hardware Molded Cable, DB15 Male / Female, 2.5ft (0.75m)	18.00	16.56	15.12	13.68	12.24
CRMN15MF-5	Reversible Hardware Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	19.25	17.71	16.17	14.63	13.09
CRMN15MF-10	Reversible Hardware Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	21.50	19.78	18.06	16.34	14.62
CRMN15MF-15	Reversible Hardware Molded Cable, DB15 Male / Female, 15.0ft (4.6m)	23.75	21.85	19.95	18.05	16.15
CRMN15FF-2.5	Reversible Hardware Molded Cable, DB15 Female / Female, 2.5ft (0.75m)	18.00	16.56	15.12	13.68	12.24
CRMN15FF-5	Reversible Hardware Molded Cable, DB15 Female / Female, 5.0ft (1.5m)	19.25	17.71	16.17	14.63	13.09
CRMN15FF-10	Reversible Hardware Molded Cable, DB15 Female / Female, 10.0ft (3.0m)	21.50	19.78	18.06	16.34	14.62
CRMN15FF-15	Reversible Hardware Molded Cable, DB15 Female / Female, 15.0ft (4.6m)	23.75	21.85	19.95	18.05	16.15

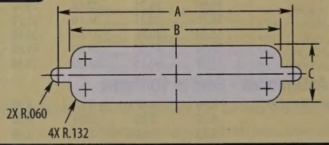
☑RoHS Reversing Hardware 25 Pin D-Sub Cables - Are Shielded and Fully Populated

CRMN25MM-2.5	Reversible Hardware Molded Cable, DB25 Male / Male, 2.5ft (0.75m)	21.50	19.78	18.06	16.34	14.62
CRMN25MM-5	Reversible Hardware Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	23.25	21.39	19.53	17.67	15.81
CRMN25MM-10	Reversible Hardware Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	26.50	24.38	22.26	20.14	18.02
CRMN25MM-15	Reversible Hardware Molded Cable, DB25 Male / Male, 15.0ft (4.6m)	29.75	27.37	24.99	22.61	20.23
CRMN25MM-25	Reversible Hardware Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	36.25	33.35	30.45	27.55	24.65
CRMN25MF-2.5	Reversible Hardware Molded Cable, DB25 Male / Female, 2.5ft (0.75m)	21.50	19.78	18.06	16.34	14.62
CRMN25MF-5	Reversible Hardware Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	23.25	21.39	19.53	17.67	15.81
CRMN25MF-10	Reversible Hardware Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	26.50	24.38	22.26	20.14	18.02
CRMN25MF-15	Reversible Hardware Molded Cable, DB25 Male / Female, 15.0ft (4.6m)	29.75	27.37	24.99	22.61	20.23
CRMN25MF-25	Reversible Hardware Molded Cable, DB25 Male / Female, 25.0ft (7.6m)	36.25	33.35	30.45	27.55	24.65
CRMN25FF-2.5	Reversible Hardware Molded Cable, DB25 Female / Female, 2.5ft (0.75m)	21.50	19.78	18.06	16.34	14.62
CRMN25FF-5	Reversible Hardware Molded Cable, DB25 Female / Female, 5.0ft (1.5m)	23.25	21.39	19.53	17.67	15.81
CRMN25FF-10	Reversible Hardware Molded Cable, DB25 Female / Female, 10.0ft (3.0m)	26.50	24.38	22.26	20.14	18.02
CRMN25FF-15	Reversible Hardware Molded Cable, DB25 Female / Female, 15.0ft (4.6m)	29.75	27.37	24.99	22.61	20.23
CRMN25FF-25	Reversible Hardware Molded Cable, DB25 Female / Female, 25.0ft (7.6m)	36.25	33.35	30.45	27.55	24.65

☑RoHS Reversing Hardware 37 Pin D-Sub Cables - Are Shielded and Fully Populated

CRMN37MM-2.5	Reversible Hardware Molded Cable, DB37 Male / Male, 2.5ft (0.75m)	34.25	31.51	28.77	26.03	23.29
CRMN37MM-5	Reversible Hardware Molded Cable, DB37 Male / Male, 5.0ft (1.5m)	36.75	33.81	30.87	27.93	24.99
CRMN37MM-10	Reversible Hardware Molded Cable, DB37 Male / Male, 10.0ft (3.0m)	41.50	38.18	34.86	31.54	28.22
CRMN37MM-15	Reversible Hardware Molded Cable, DB37 Male / Male, 15.0ft (4.6m)	46.25	42.55	38.85	35.15	31.45
CRMN37MM-25	Reversible Hardware Molded Cable, DB37 Male / Male, 25.0ft (7.6m)	55.75	51.29	46.83	42.37	37.91
CRMN37MF-2.5	Reversible Hardware Molded Cable, DB37 Male / Female, 2.5ft (0.75m)	34.25	31.51	28.77	26.03	23.29
CRMN37MF-5	Reversible Hardware Molded Cable, DB37 Male / Female, 5.0ft (1.5m)	36.75	33.81	30.87	27.93	24.99
CRMN37MF-10	Reversible Hardware Molded Cable, DB37 Male / Female, 10.0ft (3.0m)	41.50	38.18	34.86	31.54	28.22
CRMN37MF-15	Reversible Hardware Molded Cable, DB37 Male / Female, 15.0ft (4.6m)	46.25	42.55	38.85	35.15	31.45
CRMN37MF-25	Reversible Hardware Molded Cable, DB37 Male / Female, 25.0ft (7.6m)	55.75	51.29	46.83	42.37	37.91
CRMN37FF-2.5	Reversible Hardware Molded Cable, DB37 Female / Female, 2.5ft (0.75m)	34.25	31.51	28.77	26.03	23.29
CRMN37FF-5	Reversible Hardware Molded Cable, DB37 Female / Female, 5.0ft (1.5m)	36.75	33.81	30.87	27.93	24.99
CRMN37FF-10	Reversible Hardware Molded Cable, DB37 Female / Female, 10.0ft (3.0m)	41.50	38.18	34.86	31.54	28.22
CRMN37FF-15	Reversible Hardware Molded Cable, DB37 Female / Female, 15.0ft (4.6m)	46.25	42.55	38.85	35.15	31.45
CRMN37FF-25	Reversible Hardware Molded Cable, DB37 Female / Female, 25.0ft (7.6m)	55.75	51.29	46.83	42.37	37.91

Tip ***Recommended panel openings for rear mounted D-Sub adapters***



PANEL MOUNTING DIMENSIONS (shown in inches/cm)

CONTACTS	DIM. A	DIM. B	DIM. C
DB9 or HD15	0.984 (2.5cm)	0.806 (2.0cm)	.449 (1.1cm)
DB15 or HD26	1.312 (3.3cm)	1.134 (2.9cm)	.449 (1.1cm)
DB25 or HD44	1.852 (4.7cm)	1.684 (4.3cm)	.449 (1.1cm)
DB37 or HD62	2.500 (6.4cm)	2.326 (5.9cm)	.449 (1.1cm)
DB50 or HD78	2.406 (6.1cm)	2.218 (5.6cm)	.555 (1.4cm)

L-com® Global Connectivity

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

RoHS Deluxe High-Density 15 Pin D-Sub Cables - Fully Populated and Completely Shielded

High-density D-Sub connectors are used in a number of PC and network applications. This type of connector can usually be recognized because they have three rows of smaller pins versus the larger pins used in conventional D-Subs. Fully populated with stranded conductors and aluminum mylar shielding. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CHD15MM-2.5	Deluxe Molded Cable, HD15 Male / Male, 2.5ft (0.75m)	10.90	10.25	9.59	8.94	8.28
CHD15MM-5	Deluxe Molded Cable, HD15 Male / Male, 5.0ft (1.5m)	11.75	11.04	10.34	9.64	8.93
CHD15MM-7.5	Deluxe Molded Cable, HD15 Male / Male, 7.5ft (2.3m)	12.65	11.89	11.13	10.37	9.61
CHD15MM-10	Deluxe Molded Cable, HD15 Male / Male, 10.0ft (3.0m)	13.50	12.69	11.88	11.07	10.26
CHD15MM-15	Deluxe Molded Cable, HD15 Male / Male, 15.0ft (4.6m)	15.25	14.33	13.42	12.51	11.59
CHD15MM-25	Deluxe Molded Cable, HD15 Male / Male, 25.0ft (7.6m)	17.00	15.98	14.96	13.94	12.92
CHD15MF-2.5	Deluxe Molded Cable, HD15 Male / Female, 2.5ft (0.75m)	10.90	10.25	9.59	8.94	8.28
CHD15MF-5	Deluxe Molded Cable, HD15 Male / Female, 5.0ft (1.5m)	11.75	11.04	10.34	9.64	8.93
CHD15MF-7.5	Deluxe Molded Cable, HD15 Male / Female, 7.5ft (2.3m)	12.65	11.89	11.13	10.37	9.61
CHD15MF-10	Deluxe Molded Cable, HD15 Male / Female, 10.0ft (3.0m)	13.50	12.69	11.88	11.07	10.26
CHD15MF-15	Deluxe Molded Cable, HD15 Male / Female, 15.0ft (4.6m)	15.25	14.33	13.42	12.51	11.59
CHD15MF-25	Deluxe Molded Cable, HD15 Male / Female, 25.0ft (7.6m)	17.00	15.98	14.96	13.94	12.92

Note: Most monitor manufacturers recommend using premium grade VGA cables that utilize 75 Ohm coaxial lines.

RoHS Deluxe High-Density 26 Pin Molded Cables - Ready Made, Fully Populated for Many Applications

Fully molded data cables equipped with high-density D-Sub connectors. Fully populated with 26 AWG stranded conductors and aluminum mylar shielding. They are equipped with readily accessible thumbscrew type hold downs. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CHD26MM-2.5	Deluxe Molded Cable, HD26 Male / Male, 2.5ft (0.75m)	24.90	23.41	21.91	20.42	18.92
CHD26MM-5	Deluxe Molded Cable, HD26 Male / Male, 5.0ft (1.5m)	26.75	25.14	23.54	21.94	20.33
CHD26MM-10	Deluxe Molded Cable, HD26 Male / Male, 10.0ft (3.0m)	30.50	28.67	26.84	25.01	23.18
CHD26MM-15	Deluxe Molded Cable, HD26 Male / Male, 15.0ft (4.6m)	34.25	32.20	30.14	28.09	26.03
CHD26MF-2.5	Deluxe Molded Cable, HD26 Male / Female, 2.5ft (0.75m)	24.90	23.41	21.91	20.42	18.92
CHD26MF-5	Deluxe Molded Cable, HD26 Male / Female, 5.0ft (1.5m)	26.75	25.14	23.54	21.94	20.33
CHD26MF-10	Deluxe Molded Cable, HD26 Male / Female, 10.0ft (3.0m)	30.50	28.67	26.84	25.01	23.18
CHD26MF-15	Deluxe Molded Cable, HD26 Male / Female, 15.0ft (4.6m)	34.25	32.20	30.14	28.09	26.03
CHD26MF-25	Deluxe Molded Cable, HD26 Male / Female, 25.0ft (7.6m)	41.75	39.24	36.74	34.23	31.73
CHD26MF-50	Deluxe Molded Cable, HD26 Male / Female, 50.0ft (15.2m)	60.50	56.87	53.24	49.61	45.98

RoHS Deluxe High-Density 44 Pin Molded Cables - Fully Populated and Shielded

Injection molded cable assemblies with HD44 terminations. Fully populated with 24 AWG stranded conductors and aluminum mylar and braided shielding. 4-40 metal thumbscrews molded into the strain relief. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CHD44MM-2.5	Deluxe Molded Cable, HD44 Male / Male, 2.5ft (0.75m)	40.50	38.07	35.64	33.21	30.78
CHD44MM-5	Deluxe Molded Cable, HD44 Male / Male, 5.0ft (1.5m)	48.00	45.12	42.24	39.36	36.48
CHD44MM-10	Deluxe Molded Cable, HD44 Male / Male, 10.0ft (3.0m)	63.00	59.22	55.44	51.66	47.88
CHD44MM-15	Deluxe Molded Cable, HD44 Male / Male, 15.0ft (4.6m)	78.00	73.32	68.64	63.96	59.28
CHD44MM-25	Deluxe Molded Cable, HD44 Male / Male, 25.0ft (7.6m)	108.00	101.52	95.04	88.56	82.08
CHD44MM-50	Deluxe Molded Cable, HD44 Male / Male, 50.0ft (15.2m)	183.00	172.02	161.04	150.06	139.08
CHD44MF-2.5	Deluxe Molded Cable, HD44 Male / Female, 2.5ft (0.75m)	40.50	38.07	35.64	33.21	30.78
CHD44MF-5	Deluxe Molded Cable, HD44 Male / Female, 5.0ft (1.5m)	48.00	45.12	42.24	39.36	36.48
CHD44MF-10	Deluxe Molded Cable, HD44 Male / Female, 10.0ft (3.0m)	63.00	59.22	55.44	51.66	47.88
CHD44MF-15	Deluxe Molded Cable, HD44 Male / Female, 15.0ft (4.6m)	78.00	73.32	68.64	63.96	59.28
CHD44MF-25	Deluxe Molded Cable, HD44 Male / Female, 25.0ft (7.6m)	108.00	101.52	95.04	88.56	82.08
CHD44MF-50	Deluxe Molded Cable, HD44 Male / Female, 50.0ft (15.2m)	183.00	172.02	161.04	150.06	139.08

RoHS Deluxe High-Density 62 Pin Molded Cables - 31 Twisted Pairs and Full Shielding

Fully molded data cables with HD62 D-Sub connectors. Fully shielded with aluminum mylar shielding and fully populated with 28 AWG twisted pairs. Straight-thru pinning. Equipped with 4-40 thumbscrews. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CHD62MM-2.5	Deluxe Molded Cable, HD62 Male / Male, 2.5ft (0.75m)	52.50	49.35	46.20	43.05	39.90
CHD62MM-5	Deluxe Molded Cable, HD62 Male / Male, 5.0ft (1.5m)	62.50	58.75	55.00	51.25	47.50
CHD62MM-10	Deluxe Molded Cable, HD62 Male / Male, 10.0ft (3.0m)	82.50	77.55	72.60	67.65	62.70
CHD62MM-15	Deluxe Molded Cable, HD62 Male / Male, 15.0ft (4.6m)	102.50	96.35	90.20	84.05	77.90
CHD62MM-25	Deluxe Molded Cable, HD62 Male / Male, 25.0ft (7.6m)	122.50	115.15	107.80	100.45	93.10
CHD62MF-2.5	Deluxe Molded Cable, HD62 Male / Female, 2.5ft (0.75m)	52.50	49.35	46.20	43.05	39.90
CHD62MF-5	Deluxe Molded Cable, HD62 Male / Female, 5.0ft (1.5m)	62.50	58.75	55.00	51.25	47.50
CHD62MF-10	Deluxe Molded Cable, HD62 Male / Female, 10.0ft (3.0m)	82.50	77.55	72.60	67.65	62.70
CHD62MF-15	Deluxe Molded Cable, HD62 Male / Female, 15.0ft (4.6m)	102.50	96.35	90.20	84.05	77.90
CHD62MF-25	Deluxe Molded Cable, HD62 Male / Female, 25.0ft (7.6m)	122.50	115.15	107.80	100.45	93.10
CHD62MF-50	Deluxe Molded Cable, HD62 Male / Female, 50.0ft (15.2m)	222.50	209.15	195.80	182.45	169.10

RoHS Deluxe High-Density 78 Pin Molded Cables - 39 Twisted Pairs and Double Shielded

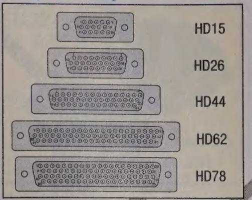
Fully molded data cables equipped with HD78 D-Sub connectors. Fully shielded with aluminum mylar and braided shielding and fully populated with 28 AWG twisted pairs. Straight-thru pinning. Equipped with 4-40 thumbscrews. Hex nuts on female connectors are removable to expose 4-40 thumbscrews.

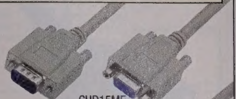
Item #	Description	1-9	10-24	25-99	100-249	250-499
CHD78MM-2.5	Deluxe Molded Cable, HD78 Male / Male, 2.5ft (0.75m)	57.50	54.05	50.60	47.15	43.70
CHD78MM-5	Deluxe Molded Cable, HD78 Male / Male, 5.0ft (1.5m)	70.00	65.80	61.60	57.40	53.20
CHD78MM-10	Deluxe Molded Cable, HD78 Male / Male, 10.0ft (3.0m)	95.00	89.30	83.60	77.90	72.20
CHD78MM-25	Deluxe Molded Cable, HD78 Male / Male, 25.0ft (7.6m)	170.00	159.80	149.60	139.40	129.20
CHD78MM-50	Deluxe Molded Cable, HD78 Male / Male, 50.0ft (15.2m)	295.00	277.30	259.60	241.90	224.20
CHD78MF-2.5	Deluxe Molded Cable, HD78 Male / Female, 2.5ft (0.75m)	57.50	54.05	50.60	47.15	43.70
CHD78MF-5	Deluxe Molded Cable, HD78 Male / Female, 5.0ft (1.5m)	70.00	65.80	61.60	57.40	53.20
CHD78MF-10	Deluxe Molded Cable, HD78 Male / Female, 10.0ft (3.0m)	95.00	89.30	83.60	77.90	72.20
CHD78MF-25	Deluxe Molded Cable, HD78 Male / Female, 25.0ft (7.6m)	170.00	159.80	149.60	139.40	129.20
CHD78MF-50	Deluxe Molded Cable, HD78 Male / Female, 50.0ft (15.2m)	295.00	277.30	259.60	241.90	224.20

RoHS Replacement 4-40 Screws for CHD Series Assemblies - Sold in 10/Packs

Item #	Description	1-9	10-24	25-99	100-249	250-499
TS-CSMN	Replacement Screws for CHD Series Assemblies, Pkg/10	4.10	3.85	3.61	3.36	3.12

High-Density Connections

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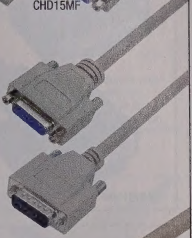
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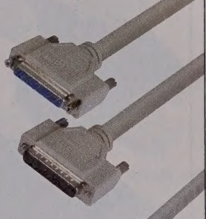
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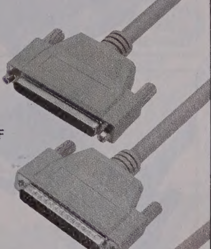
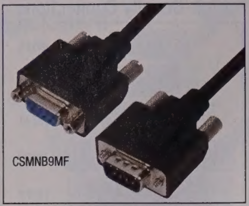

CHD62MF

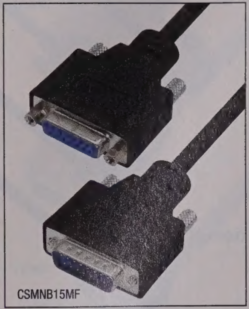
CHD78MF

TS-CSMN

Standard and Hi-Density D-Sub configurations
See the free video tip and more at
L-com.com/Videos/A13



CSMNB9MF



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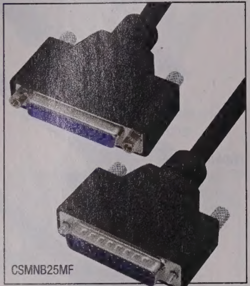

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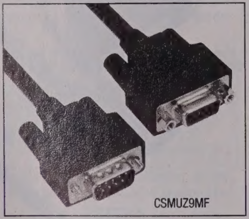

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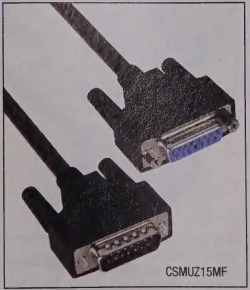

CSMUZ15MF

Deluxe Molded Black D-Sub Cables

These cables give the user the option to color match to black equipment and are constructed identically to our popular CSMN light gray cable series.

✓RoHS Deluxe 9 Pin D-Sub Molded Cables - Shielded and Fully Populated

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMNB9MM-1	Deluxe Molded Cable, DB9 Male / Male, 1.0ft (0.3m)	6.75	6.21	5.67	5.13	4.59
CSMNB9MM-5	Deluxe Molded Cable, DB9 Male / Male, 5.0ft (1.5m)	8.75	8.05	7.35	6.65	5.95
CSMNB9MM-10	Deluxe Molded Cable, DB9 Male / Male, 10.0ft (3.0m)	11.25	10.35	9.45	8.55	7.65
CSMNB9MM-25	Deluxe Molded Cable, DB9 Male / Male, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMNB9MM-50	Deluxe Molded Cable, DB9 Male / Male, 50.0ft (15.2m)	31.25	28.75	26.25	23.75	21.25
CSMNB9MF-2.5	Deluxe Molded Cable, DB9 Male / Female, 2.5ft (0.8m)	7.50	6.90	6.30	5.70	5.10
CSMNB9MF-5	Deluxe Molded Cable, DB9 Male / Female, 5.0ft (1.5m)	8.75	8.05	7.35	6.65	5.95
CSMNB9MF-10	Deluxe Molded Cable, DB9 Male / Female, 10.0ft (3.0m)	11.25	10.35	9.45	8.55	7.65
CSMNB9MF-15	Deluxe Molded Cable, DB9 Male / Female, 15.0ft (4.6m)	13.75	12.65	11.55	10.45	9.35
CSMNB9MF-50	Deluxe Molded Cable, DB9 Male / Female, 50.0ft (15.2m)	31.25	28.75	26.25	23.75	21.25

✓RoHS Deluxe 15 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSMNB15MM-1	Deluxe Molded Cable, DB15 Male / Male, 1.0ft (0.3m)	10.35	9.73	9.11	8.49	7.87
CSMNB15MM-5	Deluxe Molded Cable, DB15 Male / Male, 5.0ft (1.5m)	12.75	11.98	11.22	10.46	9.69
CSMNB15MM-10	Deluxe Molded Cable, DB15 Male / Male, 10.0ft (3.0m)	15.75	14.80	13.86	12.92	11.97
CSMNB15MM-25	Deluxe Molded Cable, DB15 Male / Male, 25.0ft (7.6m)	24.75	23.26	21.78	20.30	18.81
CSMNB15MM-50	Deluxe Molded Cable, DB15 Male / Male, 50.0ft (15.2m)	39.75	37.36	34.98	32.60	30.21
CSMNB15MF-1	Deluxe Molded Cable, DB15 Male / Female, 1.0ft (0.3m)	10.35	9.73	9.11	8.49	7.87
CSMNB15MF-2.5	Deluxe Molded Cable, DB15 Male / Female, 2.5ft (0.8m)	11.25	10.57	9.90	9.23	8.55
CSMNB15MF-5	Deluxe Molded Cable, DB15 Male / Female, 5.0ft (1.5m)	12.75	11.98	11.22	10.46	9.69
CSMNB15MF-10	Deluxe Molded Cable, DB15 Male / Female, 10.0ft (3.0m)	15.75	14.80	13.86	12.92	11.97
CSMNB15MF-15	Deluxe Molded Cable, DB15 Male / Female, 15.0ft (4.6m)	18.75	17.63	16.50	15.38	14.25
CSMNB15MF-25	Deluxe Molded Cable, DB15 Male / Female, 25.0ft (7.6m)	24.75	23.26	21.78	20.30	18.81
CSMNB15MF-50	Deluxe Molded Cable, DB15 Male / Female, 50.0ft (15.2m)	39.75	37.36	34.98	32.60	30.21

✓RoHS Deluxe 25 Pin D-Sub Molded Cables - Shielded and Fully Populated

CSMNB25MM-1	Deluxe Molded Cable, DB25 Male / Male, 1.0ft (0.3m)	9.15	8.42	7.69	6.95	6.22
CSMNB25MM-5	Deluxe Molded Cable, DB25 Male / Male, 5.0ft (1.5m)	10.75	9.89	9.03	8.17	7.31
CSMNB25MM-10	Deluxe Molded Cable, DB25 Male / Male, 10.0ft (3.0m)	12.75	11.73	10.71	9.69	8.67
CSMNB25MM-25	Deluxe Molded Cable, DB25 Male / Male, 25.0ft (7.6m)	18.75	17.25	15.75	14.25	12.75
CSMNB25MM-50	Deluxe Molded Cable, DB25 Male / Male, 50.0ft (15.2m)	28.75	26.45	24.15	21.85	19.55
CSMNB25MF-2.5	Deluxe Molded Cable, DB25 Male / Female, 2.5ft (0.8m)	9.75	8.97	8.19	7.41	6.63
CSMNB25MF-5	Deluxe Molded Cable, DB25 Male / Female, 5.0ft (1.5m)	10.75	9.89	9.03	8.17	7.31
CSMNB25MF-10	Deluxe Molded Cable, DB25 Male / Female, 10.0ft (3.0m)	12.75	11.73	10.71	9.69	8.67
CSMNB25MF-15	Deluxe Molded Cable, DB25 Male / Female, 15.0ft (4.6m)	14.75	13.57	12.39	11.21	10.03
CSMNB25MF-50	Deluxe Molded Cable, DB25 Male / Female, 50.0ft (15.2m)	28.75	26.45	24.15	21.85	19.55

Low Smoke Zero Halogen (LSZH) D-Sub Cable Assemblies, DB9, DB15 and DB25

LSZH D-Sub cable assemblies are available in DB9, DB15 and DB25 connector sizes with male to male and male to female configurations. Cable is 24AWG with a foil/braid shield. Color is black.

✓RoHS Low Smoke Zero Halogen 9 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ9MM-1	LSZH Cable, DB9 Male / Male, 1.0ft (0.3m)	27.75	26.64	25.53	24.42	23.31
CSMUZ9MM-5	LSZH Cable, DB9 Male / Male, 5.0ft (1.5m)	33.75	32.40	31.05	29.70	28.35
CSMUZ9MM-10	LSZH Cable, DB9 Male / Male, 10.0ft (3.0m)	41.25	39.60	37.95	36.30	34.65
CSMUZ9MM-25	LSZH Cable, DB9 Male / Male, 25.0ft (7.6m)	56.25	51.75	47.25	42.75	38.25
CSMUZ9MM-125	LSZH Cable, DB9 Male / Male, 125.0ft (38.1m)	206.25	198.00	189.75	181.50	173.25
CSMUZ9MF-1	LSZH Cable, DB9 Male / Female, 1.0ft (0.3m)	27.75	26.64	25.53	24.42	23.31
CSMUZ9MF-5	LSZH Cable, DB9 Male / Female, 5.0ft (1.5m)	33.75	32.40	31.05	29.70	28.35
CSMUZ9MF-10	LSZH Cable, DB9 Male / Female, 10.0ft (3.0m)	41.25	39.60	37.95	36.30	34.65
CSMUZ9MF-25	LSZH Cable, DB9 Male / Female, 25.0ft (7.6m)	56.25	54.00	51.75	49.50	47.25
CSMUZ9MF-125	LSZH Cable, DB9 Male / Female, 125.0ft (38.1m)	206.25	198.00	189.75	181.50	173.25

✓RoHS Low Smoke Zero Halogen 15 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ15MM-1	LSZH Cable, DB15 Male / Male, 1.0ft (0.3m)	29.50	28.32	27.14	25.96	24.78
CSMUZ15MM-2.5	LSZH Cable, DB15 Male / Male, 2.5ft (0.8m)	32.50	31.20	29.90	28.60	27.30
CSMUZ15MM-5	LSZH Cable, DB25 Male / Male, 5.0ft (1.5m)	37.50	36.00	34.50	33.00	31.50
CSMUZ15MM-10	LSZH Cable, DB15 Male / Male, 10.0ft (3.0m)	47.50	45.60	43.70	41.80	39.90
CSMUZ15MM-15	LSZH Cable, DB15 Male / Male, 15.0ft (4.6m)	57.50	55.20	52.90	50.60	48.30
CSMUZ15MM-25	LSZH Cable, DB15 Male / Male, 25.0ft (7.6m)	66.00	63.36	60.72	58.08	55.44
CSMUZ15MM-50	LSZH Cable, DB15 Male / Male, 50.0ft (15.2m)	116.00	111.36	106.72	102.08	97.44
CSMUZ15MM-125	LSZH Cable, DB15 Male / Male, 125.0ft (38.1m)	266.00	255.36	244.72	234.08	223.44
CSMUZ15MF-1	LSZH Cable, DB15 Male / Female, 1.0ft (0.3m)	29.50	28.32	27.14	25.96	24.78
CSMUZ15MF-2.5	LSZH Cable, DB15 Male / Female, 2.5ft (0.8m)	32.50	31.20	29.90	28.60	27.30
CSMUZ15MF-5	LSZH Cable, DB15 Male / Female, 5.0ft (1.5m)	37.50	36.00	34.50	33.00	31.50
CSMUZ15MF-10	LSZH Cable, DB15 Male / Female, 10.0ft (3.0m)	47.50	45.60	43.70	41.80	39.90
CSMUZ15MF-15	LSZH Cable, DB15 Male / Female, 15.0ft (4.6m)	57.50	55.20	52.90	50.60	48.30
CSMUZ15MF-25	LSZH Cable, DB15 Male / Female, 25.0ft (7.6m)	66.00	63.36	60.72	58.08	55.44
CSMUZ15MF-50	LSZH Cable, DB15 Male / Female, 50.0ft (15.2m)	116.00	111.36	106.72	102.08	97.44
CSMUZ15MF-125	LSZH Cable, DB15 Male / Female, 125.0ft (38.1m)	266.00	255.36	244.72	234.08	223.44

✓RoHS Low Smoke Zero Halogen 25 Pin D-Sub Cables - Fully Populated and Double Shielded

CSMUZ25MM-2.5	LSZH Cable, DB25 Male / Male, 2.5ft (0.8m)	37.50	36.00	34.50	33.00	31.50
CSMUZ25MM-5	LSZH Cable, DB25 Male / Male, 5.0ft (1.5m)	45.00	43.20	41.40	39.60	37.80
CSMUZ25MM-15	LSZH Cable, DB25 Male / Male, 15.0ft (4.6m)	75.00	72.00	69.00	66.00	63.00
CSMUZ25MM-50	LSZH Cable, DB25 Male / Male, 50.0ft (15.2m)	165.00	158.40	151.80	145.20	138.60
CSMUZ25MM-125	LSZH Cable, DB25 Male / Male, 125.0ft (38.1m)	390.00	374.40	358.80	343.20	327.60
CSMUZ25MF-2.5	LSZH Cable, DB25 Male / Female, 2.5ft (0.8m)	37.50	36.00	34.50	33.00	31.50
CSMUZ25MF-5	LSZH Cable, DB25 Male / Female, 5.0ft (1.5m)	45.00	43.20	41.40	39.60	37.80
CSMUZ25MF-15	LSZH Cable, DB25 Male / Female, 15.0ft (4.6m)	75.00	72.00	69.00	66.00	63.00
CSMUZ25MF-50	LSZH Cable, DB25 Male / Female, 50.0ft (15.2m)	165.00	158.40	151.80	145.20	138.60
CSMUZ25MF-125	LSZH Cable, DB25 Male / Female, 125.0ft (38.1m)	390.00	374.40	358.80	343.20	327.60

More lengths available. Go to L-com.com

L-com® Global Connectivity

Same day shipping
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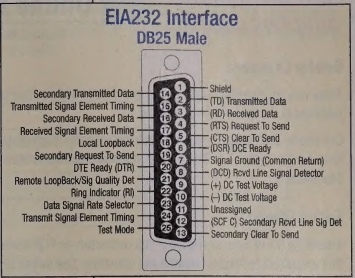
Item #	Description	Code	1-9	10-24	25-99	100-249	250-499

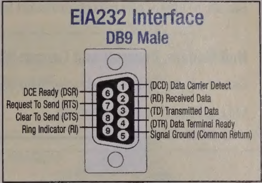
Serial Communication and the EIA232C Standard - What Does It Mean?

Serial communication is the transmission of signals over a single line or channel. It can be visualized as a line of data bits transmitted in sequence, one after another. Serial transmission is usually used to transmit data between a computer and computer peripheral. Almost all PCs today have at least one serial port to connect it to other devices such as modems, plotters, etc.

The most common serial interface standard is RS-232C or EIA232C established by the Electronic Industries Association (EIA). This standard specifies transmission at signal rates of 20 Kbps or less with a 15 meter maximum distance. EIA232C ports on PCs use either DB9 or DB25 male connectors with female hardware.

The biggest shortcoming of the EIA232C standard was its limited transmission distance and speed. EIA next introduced the EIA449/422/423 standard to increase these parameters. EIA449 defines the mechanical characteristics, whereas EIA422 and 423 specify the electrical interface. EIA449 utilizes cable terminated with 37 pin D-Subminiature connectors.

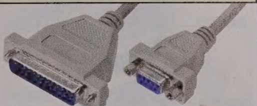




☑RoHS DB25-DB9 Serial Port Adapters and Cables - Change From 9 to 25 and Vice Versa

Does your PC have a DB9 serial port while your modem has a DB25? These handy adapters and cables can solve your interface problem. All are 100% shielded for applications where noise is abundant. Cables and high profile adapters have removable hex nuts to mate with PC ports with reverse hardware or peripherals with standard hardware. Low profile adapter comes with permanently mounted hex standoffs on DB9 side. Color: Beige.

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
CMZ6-IBM	Molded AT Modem Cable, DB25 Male / DB9 Female, 6.0ft (1.8m)	A	7.50	6.90	6.30	5.70	5.10
CMZ10-IBM	Molded AT Modem Cable, DB25 Male / DB9 Female, 10.0ft (3.0m)	A	9.00	8.28	7.56	6.84	6.12
DG259FM-IBM	Molded AT Adapter, High Profile, DB25 Female / DB9 Male	A	5.95	5.36	4.76	4.17	3.57
DG259MF-IBM	Molded AT Adapter, High Profile, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
DGL259MF-IBM	Molded AT Adapter, Low Profile, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
DGL259FF-IBM	Molded AT Adapter, Low Profile, DB25 Female / DB9 Female	A	5.95	5.36	4.76	4.17	3.57
Note: DG and DGL types supplied with user removable hex nuts.							
DMA010MF	Slimline AT Adapter, DB25 Female / DB9 Male	A	5.95	5.36	4.76	4.17	3.57
DMA010FM	Slimline AT Adapter, DB25 Male / DB9 Female	A	5.95	5.36	4.76	4.17	3.57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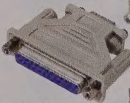
DG259MF-IBM

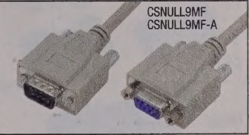

DGL259FF-IBM

DMA010MF

☑RoHS Deluxe Null Modem Cable Assemblies with Thumbscrews, Fully Shielded

The CSNULL series of cable assemblies features the same construction as the CSMN series but is wired to the most common null modem wiring schemes. The transmit data and receive data signals are crossed to allow two DTE or DCE devices to communicate.

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
CSNULL9FF-5	Deluxe Null Modem Cable, DB9 Female / Female, 5.0ft (1.5m)	C	10.75	9.68	8.60	7.52	6.45
CSNULL9FF-10	Deluxe Null Modem Cable, DB9 Female / Female, 10.0ft (3.0m)	C	12.50	11.25	10.00	8.75	7.50
CSNULL9FF-25	Deluxe Null Modem Cable, DB9 Female / Female, 25.0ft (7.6m)	C	17.75	15.97	14.20	12.42	10.65
CSNULL9MF-5	Deluxe Null Modem Cable, DB9 Male / Female, 5.0ft (1.5m)	C	10.75	9.68	8.60	7.52	6.45
CSNULL9MF-10	Deluxe Null Modem Cable, DB9 Male / Female, 10.0ft (3.0m)	C	12.50	11.25	10.00	8.75	7.50
CSNULL9MF-25	Deluxe Null Modem Cable, DB9 Male / Female, 25.0ft (7.6m)	C	17.75	15.97	14.20	12.42	10.65
CSNULL9FF-5A	Deluxe Null Modem Cable, DB9 Female / Female, 5.0ft (1.5m)	F	10.75	9.68	8.60	7.52	6.45
CSNULL9FF-10A	Deluxe Null Modem Cable, DB9 Female / Female, 10.0ft (3.0m)	F	12.50	11.25	10.00	8.75	7.50
CSNULL9FF-25A	Deluxe Null Modem Cable, DB9 Female / Female, 25.0ft (7.6m)	F	17.75	15.97	14.20	12.42	10.65
CSNULL9MF-5A	Deluxe Null Modem Cable, DB9 Male / Female, 5.0ft (1.5m)	F	10.75	9.68	8.60	7.52	6.45
CSNULL9MF-10A	Deluxe Null Modem Cable, DB9 Male / Female, 10.0ft (3.0m)	F	12.50	11.25	10.00	8.75	7.50
CSNULL9MF-25A	Deluxe Null Modem Cable, DB9 Male / Female, 25.0ft (7.6m)	F	17.75	15.97	14.20	12.42	10.65
CSNULL25FF-5	Deluxe Null Modem Cable, DB25 Female / Female, 5.0ft (1.5m)	D	14.00	12.60	11.20	9.80	8.40
CSNULL25FF-10	Deluxe Null Modem Cable, DB25 Female / Female, 10.0ft (3.0m)	D	16.50	14.85	13.20	11.55	9.90
CSNULL25FF-25	Deluxe Null Modem Cable, DB25 Female / Female, 25.0ft (7.6m)	D	24.00	21.60	19.20	16.80	14.40
CSNULL25MF-5	Deluxe Null Modem Cable, DB25 Male / Female, 5.0ft (1.5m)	D	14.00	12.60	11.20	9.80	8.40
CSNULL25MF-10	Deluxe Null Modem Cable, DB25 Male / Female, 10.0ft (3.0m)	D	16.50	14.85	13.20	11.55	9.90
CSNULL25MF-25	Deluxe Null Modem Cable, DB25 Male / Female, 25.0ft (7.6m)	D	24.00	21.60	19.20	16.80	14.40
CSNULL259MF-5	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 5.0ft (1.5m)	E	11.25	10.13	9.00	7.87	6.75
CSNULL259MF-10	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 10.0ft (3.0m)	E	13.00	11.70	10.40	9.10	7.80
CSNULL259MF-25	Deluxe Null Modem Cable, DB25 Male / DB9 Female, 25.0ft (7.6m)	E	18.25	16.43	14.60	12.77	10.95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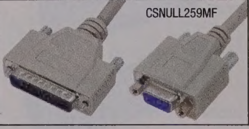
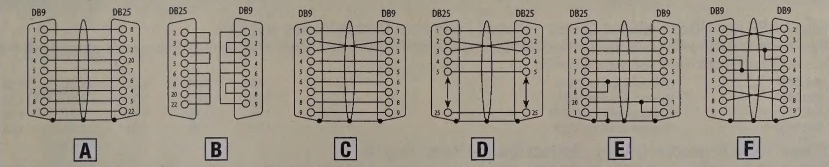
CSNULL9MF-A

CSNULL25MF


CSNULL259MF

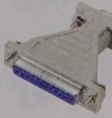
Wiring Legend



☑RoHS Serial Loopback Tester - Creates Handshaking for DB25 or DB9 Serial Ports

This handy loopback tester comes complete with DB9 and DB25 female connectors to interface with any PC serial port. They are useful for diagnosing problems with serial interfaces.

Item #	Description	Code	1-9	10-24	25-99	100-249	250-499
MA259-IBM	Serial Loopback Tester, DB25 Female / DB9 Female	B	9.95	9.15	8.36	7.56	6.77


MA259-IBM

To see our entire product offering
go to...L-com.com

How are slimline adapters used?

Online Video
L-com.com/Videos/A24

Gender Changers:

Allow two same gender connectors to mate. Very handy to have on hand to solve problems in the field or lab. **See detail 1.**

Can also be used as pass through connectors for panel mounting. Note: See the tip on page 85 for panel mounting hardware required. **See detail 3.**

Socket Savers:

Extend the life of more expensive D-Sub connectors on PCBs and cable assemblies that are subject to frequent mating and unmating. **See detail 2.**

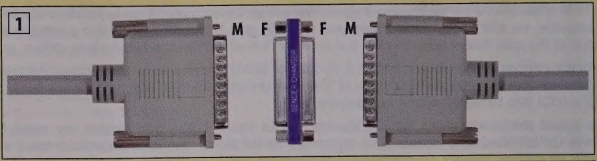
Can also be used as pass through connectors for panel mounting.

Null Modem, Reverser and Custom Wired Adapters:

Convert existing straight wired cables to the desired wiring scheme.

Can also be used for panel mounting.

Slim-Line adapters are used in a variety of applications, as illustrated here. Due to their low profile, they help reduce leverage strain on overstressed interface ports. (F = Female Connector, M = Male Connector)

1


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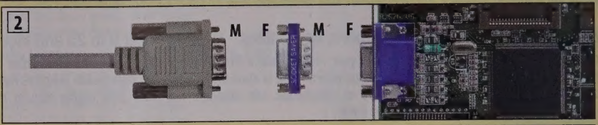

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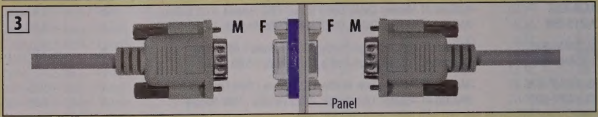
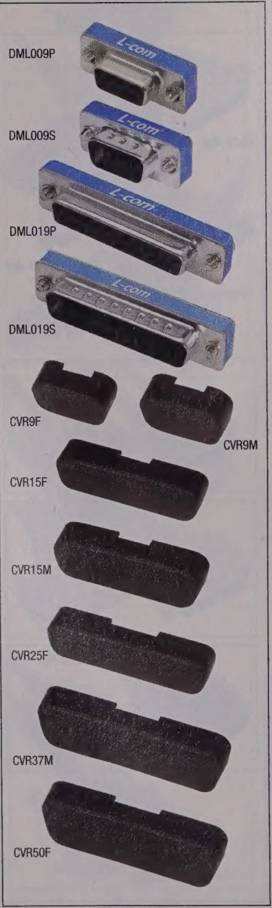


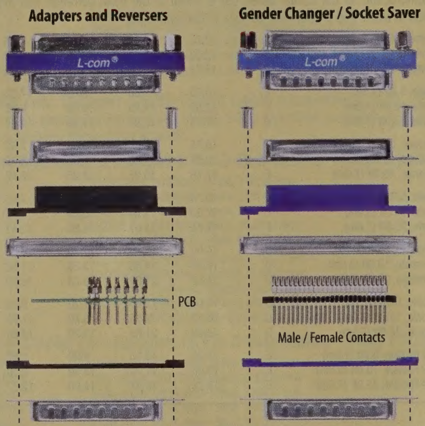


Tip

How slimline adapters are constructed

All slimline adapters are fully shielded providing EMI protection in electrically noisy environments. Gender Changers and Socket Savers use a one piece contact design ensuring reliability in applications requiring frequent connector mating/unmating. Standard mating hardware is easily removed and replaced for situations such as mismatched hardware, panel mounting, etc.

Mating Hardware	Brass, Nickel Plated
Durability Mating / Unmating	Approx. 100 cycles
Temperature Rating	-55°C to 105°C
Current Rating	5 amps max.
Voltage Rating	50 volts max.



Components	Materials
Hollow Rivet	Steel / Tin Plated
Female Connector Shell	Steel / Tin Plated
Female Connector Housing	Glass filled PBT, UL94 V-0 rated
Metal Shield	Steel / Tin Plated
Contacts	Brass / Gold Flash Plated
Male Connector Housing	Glass filled PBT, UL94 V-0 rated
Male Connector Shell	Steel / Tin Plated

Item #	Description	1-9	10-24	25-99	100-249	250-499
RoHS DB9 and DB25 Shielded Covers - Protect Ports from Contamination and EMI						
These unique all metal covers provide port protection and shielding from EMI/RFI interference. Unlike other covers, the DML series is equipped with 4-40 screws for positive attachment and proper grounding.						
DML009P	Shielded Cover for DB9M	1.59	1.46	1.34	1.21	1.08
DML009S	Shielded Cover for DB9F	1.59	1.46	1.34	1.21	1.08
DML019P	Shielded Cover for DB25M	1.59	1.46	1.34	1.21	1.08
DML019S	Shielded Cover for DB25F	1.59	1.46	1.34	1.21	1.08
RoHS D-Sub Connector Covers - Protect Unused Ports, Pkg/10						
These covers are perfect for protecting unused ports, cables or any expensive equipment from physical damage, dirt, and dust. Made from RoHS compliant PVC, these covers attach easily and stay in place with a snug friction fit. Color is Black.						
CVR9F	DB9/HD15 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR9M	DB9/HD15 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR15F	DB15/HD26 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR15M	DB15/HD26 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR25F	DB25/HD44 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR25M	DB25/HD44 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR37F	DB37/HD62 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR37M	DB37/HD62 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR50F	DB50/HD78 Protective Cover for Female Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59
CVR50M	DB50/HD78 Protective Cover for Male Connectors, Pkg/10	6.75	6.21	5.67	5.13	4.59

L-com® Global Connectivity

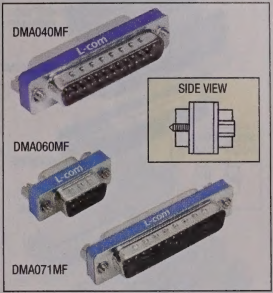
How slim-line adapters are constructed
See the tip and more at
L-com.com/SlimlineConstruction

Assorted D-Sub Adapter Selection Matrix

Use this handy chart to locate the desired D-Sub adapter. Simply locate the connector sizes and genders along the top and intersect with the row showing the desired adapter style. If a specific adapter is not listed, please visit our website at **L-com.com** for the latest information and select Product Wizards at the top of our website or call our Technical Support Group at 800-343-1455 for assistance. Wiring schemes are listed near each adapter in the catalog or on the engineering drawing available on L-com's website.

ASSORTED D-SUB ADAPTER SELECTOR GUIDE

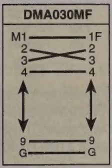
	INTERFACE	DB9 MALE-DB25 FEMALE	DB9 FEMALE-DB25 MALE	DB9 FEMALE-DB25 FEMALE	DB9 MALE-DB9 FEMALE	DB25 MALE-DB25 FEMALE	DB9 FEMALE-HD15 MALE	DB9 MALE-HD15 MALE
ADAPTER TYPE	AT MODEM	DG259FM-IBM DMA010MF	DG259MF-IBM DGL259MF-IBM DMA010FM	DGL259FF-IBM				
	NULL MODEM				DMA060MF	DMA070MF DMA071MF DMA072MF DMA074MF		
	REVERSER (Position 2 & 3)				DMA030MF	DMA040MF		
	RGB MONITOR						DMB510MF DMB512MF	DMB510MM DMA100MM



RoHS Slim-Line DB9 or DB25 Null Modems, Adapters and Reversers - Communicate Without Modems

L-com's series of Null Modems and Reversers are completely shielded. More important, their extremely low profile reduces leverage strain and breakage on overstressed computer ports. The Null Modems shown are typical of our Slim-Line manufacturing technique. They are also available in virtually any wiring configuration. OEM users are requested to send wiring data for our consideration.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMA030MF	Slim-Line Reversing Adapter, Pins 2 and 3, DB9 Male / Female	5.95	5.36	4.76	4.17	3.57
DMA040MF	Slim-Line Reversing Adapter, Pins 2 and 3, DB25 Male / Female	6.95	6.25	5.56	4.87	4.17
DMA060MF	Slim-Line Null Modem Adapter, DB9 Male / Female	5.95	5.36	4.76	4.17	3.57
DMA070MF	Slim-Line Null Modem Adapter, DB25 Std. Handshake, Male / Female	6.95	6.25	5.56	4.87	4.17
DMA071MF	Slim-Line Null Modem Adapter, DB25 Full Handshake, Male / Female	6.95	6.25	5.56	4.87	4.17
DMA072MF	Slim-Line Null Modem Adapter, DB25 Auto Handshake, Male / Female	6.95	6.25	5.56	4.87	4.17
DMA074MF	Slim-Line Null Modem Adapter, DB25 Specialty, Male / Female	6.95	6.25	5.56	4.87	4.17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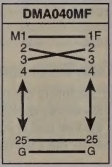
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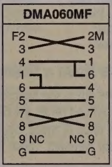
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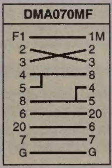
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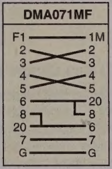
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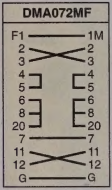
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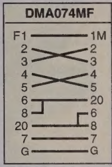
DMA074MF

Gender Changer and Socket Saver Selection Matrix

Use this handy chart to locate the desired gender changer or socket saver. Simply locate the connector size along the top (standard or filtered) and intersect with the row showing the desired connector genders. If a specific adapter is not listed, please visit our website at **L-com.com** for the latest information and select Product Wizards at the top of our website or call our Technical Support Group at 800-343-1455 for assistance.

GENDER CHANGER & SOCKET SAVER D-SUB ADAPTER SELECTOR GUIDE (ALL WIRING STRAIGHT THROUGH)

INTERFACE		STANDARD D-SUB									HIGH DENSITY D-SUB				
		9 PIN D-SUB	9 PIN D-SUB FILTERED	15 PIN D-SUB	15 PIN D-SUB FILTERED	25 PIN D-SUB	25 PIN D-SUB FILTERED	37 PIN D-SUB	37 PIN D-SUB FILTERED	50 PIN D-SUB	15 PIN HIGH DENSITY	26 PIN HIGH DENSITY	44 PIN HIGH DENSITY	62 PIN HIGH DENSITY	78 PIN HIGH DENSITY
GENDER	FEMALE-FEMALE	DGB9F		DGB15F		DGB25F		DGB37F		DGB50F	DGBH15F DGBV15F* DMB521F	DGBH26F	DGBH44F	DGBH62F	DGBH78F
	MALE-MALE	DGB9M		DGB15M		DGB25M		DGB37M		DGB50M	DGBH15M DGBV15M* DMB520M	DGBH26M	DGBH44M	DGBH62M	DGBH78M
	MALE-FEMALE	DGB9MF DG909MF1 DG909MF2	DGF9MF DGFC9MF	DGB15MF	DGF15MF DGFC15MF	DG9025MF1 DG9025MF2 DGB25MF	DGF25MF DGFC25MF	DGB37MF	DGF37MF DGFC37MF	DGB50MF	DGBH15MF DG90H15MF1 DG90H15MF2 DGBV15MF*	DGBH26MF	DGBH44MF	DGBH62MF	DGBH78MF

*Pin 9 missing for older, legacy VGA applications.

How to panel mount adapters
See the free video tip and more at
L-com.com/Videos/A03

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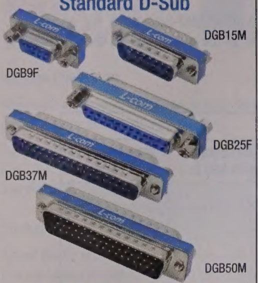
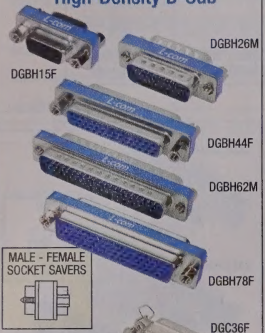
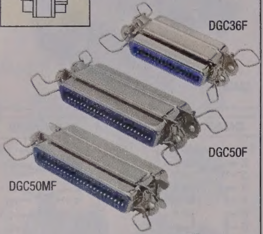
Standard D-Sub

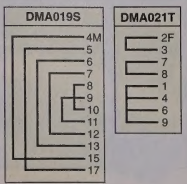


High-Density D-Sub





DGB1010K
DGBH1010K



✓RoHS Slim-Line Gender Changer/Adapters - Reduce Port Receptacle Strain Up To 90%

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGB9F	Slim-Line Gender Changer, DB9 Female / Female	4.95	4.46	3.96	3.46	2.97
DGB9M	Slim-Line Gender Changer, DB9 Male / Male	4.95	4.46	3.96	3.46	2.97
DGB15F	Slim-Line Gender Changer, DB15 Female / Female	5.95	5.36	4.76	4.17	3.57
DGB15M	Slim-Line Gender Changer, DB15 Male / Male	5.95	5.36	4.76	4.17	3.57
DGB25F	Slim-Line Gender Changer, DB25 Female / Female	6.95	6.25	5.56	4.87	4.17
DGB25M	Slim-Line Gender Changer, DB25 Male / Male	6.95	6.25	5.56	4.87	4.17
DGB37F	Slim-Line Gender Changer, DB37 Female / Female	8.95	8.05	7.16	6.26	5.37
DGB37M	Slim-Line Gender Changer, DB37 Male / Male	8.95	8.05	7.16	6.26	5.37
DGB50F	Slim-Line Gender Changer, DB50 Female / Female	10.95	9.86	8.76	7.66	6.57
DGB50M	Slim-Line Gender Changer, DB50 Male / Male	10.95	9.86	8.76	7.66	6.57

✓RoHS Socket Saver Adapters - Extend D-Sub Connector Usage and Avoid Major Repairs

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGB9MF	Slim-Line Socket Saver, DB9 Male / Female	4.95	4.46	3.96	3.46	2.97
DGB15MF	Slim-Line Socket Saver, DB15 Male / Female	5.95	5.36	4.76	4.17	3.57
DGB25MF	Slim-Line Socket Saver, DB25 Male / Female	6.95	6.25	5.56	4.87	4.17
DGB37MF	Slim-Line Socket Saver, DB37 Male / Female	8.95	8.05	7.16	6.26	5.37
DGB50MF	Slim-Line Socket Saver, DB50 Male / Female	10.95	9.86	8.76	7.66	6.57

✓RoHS High-Density Slim-Line Gender Changers - Same Small Size for High-Density D-Subs

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGBH15F	Slim-Line Gender Changer, HD15 Female / Female	7.95	7.16	6.36	5.56	4.77
DGBH15M	Slim-Line Gender Changer, HD15 Male / Male	7.95	7.16	6.36	5.56	4.77
DGBH26F	Slim-Line Gender Changer, HD26 Female / Female	8.95	8.05	7.16	6.26	5.37
DGBH26M	Slim-Line Gender Changer, HD26 Male / Male	8.95	8.05	7.16	6.26	5.37
DGBH44F	Slim-Line Gender Changer, HD44 Female / Female	9.95	8.96	7.96	6.96	5.97
DGBH44M	Slim-Line Gender Changer, HD44 Male / Male	9.95	8.96	7.96	6.96	5.97
DGBH62F	Slim-Line Gender Changer, HD62 Female / Female	12.95	11.65	10.36	9.06	7.77
DGBH62M	Slim-Line Gender Changer, HD62 Male / Male	12.95	11.65	10.36	9.06	7.77
DGBH78F	Slim-Line Gender Changer, HD78 Female / Female	13.95	12.55	11.16	9.76	8.37
DGBH78M	Slim-Line Gender Changer, HD78 Male / Male	13.95	12.55	11.16	9.76	8.37

✓RoHS High-Density Socket Saver Adapters - Great for Preventing Wear on High-Density Connectors

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGBH15MF	Slim-Line Socket Saver, HD15 Male / Female	7.95	7.16	6.36	5.56	4.77
DGBH26MF	Slim-Line Socket Saver, HD26 Male / Female	8.95	8.05	7.16	6.26	5.37
DGBH44MF	Slim-Line Socket Saver, HD44 Male / Female	9.95	8.96	7.96	6.96	5.97
DGBH62MF	Slim-Line Socket Saver, HD62 Male / Female	12.95	11.65	10.36	9.06	7.77
DGBH78MF	Slim-Line Socket Saver, HD78 Male / Female	13.95	12.55	11.16	9.76	8.37

✓RoHS Slim-Line Gender Changer/Adapters - with Pin 9 Missing for Legacy VGA Cable Applications

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGBV15F	Slim-Line Gender Changer, HD15 Female / Female	7.95	7.16	6.36	5.56	4.77
DGBV15M	Slim-Line Gender Changer, HD15 Male / Male	7.95	7.16	6.36	5.56	4.77
DGBV15MF	Slim-Line Socket Saver, HD15 Male / Female	7.95	7.16	6.36	5.56	4.77
DMA100MM	PS-2 Monitor Adapter, DB9 Male / HD15 Male	7.55	6.80	6.04	5.28	4.53

✓RoHS Slim-Line Gender Changers and Socket Saver - Typical Centronic 36 and SCSI/Telco 50

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGC36F	Slim-Line Centronic Gender Changer, 36 Pin Female / Female	9.65	8.69	7.72	6.75	5.79
DGC36M	Slim-Line Centronic Gender Changer, 36 Pin Male / Male	9.65	8.69	7.72	6.75	5.79
DGC50F	Slim-Line SCSI Gender Changer, 50 Pin Female / Female	10.95	9.86	8.76	7.66	6.57
DGC50M	Slim-Line SCSI Gender Changer, 50 Pin Male / Male	10.95	9.86	8.76	7.66	6.57
DGC50MF	Slim-Line SCSI Socket Saver, 50 Pin Male / Female	10.95	9.86	8.76	7.66	6.57

✓RoHS D-Sub Gender Changer Assortment Kit - Never Have a Mismatched Data Cable Again

Always have the right gendered cable when making equipment changes out in the field. Each of these assortment kits have a total of 8 adapters for just about every D-Sub cable correction. DGB1010K includes: DB9, DB15, DB25 and DB37; the DGBH1010K high-density kit includes DGBH15, DGBH26, DGBH44 and DGBH62, each in male/male and female/female versions. The total price of these kits is less than the total cost of individual gender changers. These slimline gender changers are all shielded construction and are extremely compact. These kits are a must for every technician. Packaged in a high impact seven compartment carry box.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGB1010K	Slim-Line Gender Changer Kit, 8 Pieces	49.95	44.96	39.96	34.96	29.97
DGBH1010K	Hi-Density Gender Changer Kit, 8 Pieces	69.95	62.96	55.96	48.96	41.97

✓RoHS Slim-Line Loopback Test Plugs - Emulate Working Conditions for Your Testing Needs

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMA019S	Slim-Line Parallel Loopback Plug, DB25 Male	6.95	6.25	5.56	4.87	4.17
DMA021T	Slim-Line Loopback Plug, DB9 Female	6.95	6.25	5.56	4.87	4.17

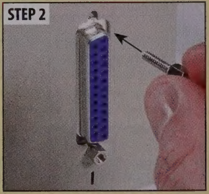
Easily panel mount adapters

Online Video
L-com.com/Videos/A03

STEP 1

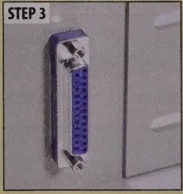
1. Remove standard hardware provided with adapter. Mount adapter from rear of panel.

STEP 2

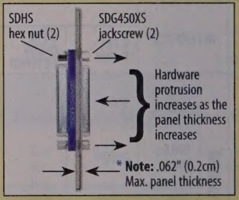


2. Secure with jackscrew SDG450XS (purchased separately) from the front of the panel.

STEP 3



3. Thread hex nut SDHS (purchased separately) onto exposed threads of SDG450XS.

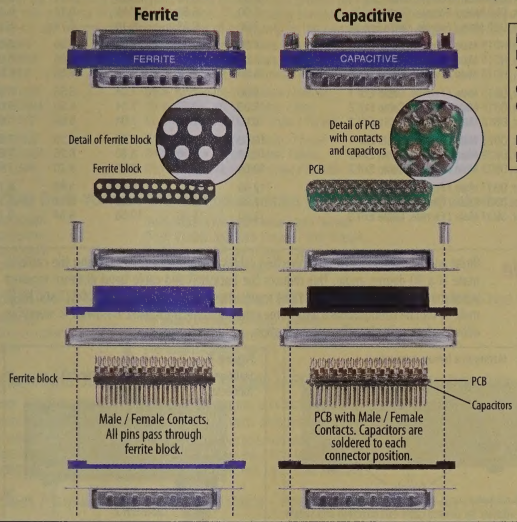


***Note:** Maximum recommended panel thickness is 0.062" (0.2cm). Dimensions in excess of 0.062" (0.2cm) can limit proper cable mating due to hex nut protrusion. Panels exceeding 0.062" (0.2cm) can be milled down to the recommended thickness in the area around the adapter.

> "We order quite a bit from L-com and have always been very pleased with the product selection and service that you offer. We really appreciate the fast response to any questions we have. L-com is reliable and easy to work with. Keep up the excellent work!" - Iain Jenkins, Nexjen Systems

Tip *How filter adapters are constructed*

Filtered adapters provide a cost effective method for reducing electromagnetic interference (EMI) and can help to avoid costly product redesigns. L-com offers two styles of filtered adapters, **Ferrite** and **Capacitive**.


Ferrite
Capacitive
FERRITE
CAPACITIVE
Detail of ferrite block
Ferrite block
Detail of PCB with contacts and capacitors
PCB
Ferrite block
Male / Female Contacts. All pins pass through ferrite block.
PCB with Male / Female Contacts. Capacitors are soldered to each connector position.
PCB
Capacitors

Mating Hardware	Brass, Nickel Plated
Durability Mating / Unmating	Approx. 100 cycles
Temperature Rating	-55°C to 105°C
Current Rating	5 amps max.
Capacitors (Ceramic)	820 pf ± 10% Voltage 100 VDC
Dielectric Withstanding Voltage	500 VDC, 1 minute
Insulation Resistance	500m Ohms @ 100 VDC

Components	Materials
Hollow Rivet	Steel / Tin Plated
Female Connector Shell	Steel / Tin Plated
Female Connector Housing	Glass filled PBT, UL94 V-0 rated
Metal Shield	Steel / Tin Plated
Contacts	Brass / gold flash plated
Male Connector Housing	Glass filled PBT, UL94 V-0 rated
Male Connector Shell	Steel / Tin Plated

Item #	Description	1-9	10-24	25-99	100-249	250-499

☑RoHS Slim-Line Block Ferrite Filter Adapters - Eliminate Problem EMI in Computing Devices

L-com's plug-receptacle feed-thru adapter is a viable alternative solution for companies that need to rework (retrofit) existing designs in their effort to meet FCC regulations. Use these filtered D-Sub adapters where it's necessary to limit electromagnetic interference (EMI). Easy installation, economical cost, low profile and fully shielded. Four D-Sub sizes available, supplied with male/female hardware. Engineer's kit is also available and contains one of each adapter in a plastic carrying case.

DGF9MF	Ferrite Filter (EMI) Adapter, DB9 Male / Female	7.95	7.31	6.68	6.04	5.41
DGF15MF	Ferrite Filter (EMI) Adapter, DB15 Male / Female	8.95	8.23	7.52	6.80	6.09
DGF25MF	Ferrite Filter (EMI) Adapter, DB25 Male / Female	9.95	9.15	8.36	7.56	6.77
DGF37MF	Ferrite Filter (EMI) Adapter, DB37 Male / Female	11.95	10.99	10.04	9.08	8.13
DGF100K	Engineer's Kit with 4 EMI Adapters	38.95	35.83	32.72	29.60	26.49

☑RoHS Slim-Line Ceramic Capacitive Filter Adapters - For Excellent, Economical Noise Removal

Filtering is the simplest method of removing unwanted interference from within a circuit. A capacitive filter is built into a male/female D-Sub adapter that provides an easy-to-use retrofit adapter. Although reasonably priced, there is a cost associated with capacitors and that is signal degradation, particularly in CMOS circuits with extremely low signal levels. Systems that transmit strong signals and can tolerate moderate loss are well suited for capacitive filtering. Our compact design allows an extremely low profile of only 0.2" (0.5cm). Individual capacitance on each pin is 820pF. Also available in an engineer's kit of 4 adapters.

DGFC9MF	Capacitive Filter (EMC) Adapter, DB9 Male / Female	8.95	8.23	7.52	6.80	6.09
DGFC15MF	Capacitive Filter (EMC) Adapter, DB15 Male / Female	10.95	10.07	9.20	8.32	7.45
DGFC25MF	Capacitive Filter (EMC) Adapter, DB25 Male / Female	13.95	12.83	11.72	10.60	9.49
DGFC37MF	Capacitive Filter (EMC) Adapter, DB37 Male / Female	20.95	19.27	17.60	15.92	14.25
DGFC100K	Engineer's Kit with 4 EMC Adapters	53.95	49.63	45.32	41.00	36.69

☑RoHS DB9, DB15, DB25 or HD15 Connectors for Field Termination - Panel Mountable, Male or Female

These field termination connectors provide an easy and convenient way to perform field termination of any DB9, DB15, DB25 or HD15 cable. Separate connection points are provided for all positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections without special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (0.5cm). Please note the orientation of the terminal blocks on the new male connectors.

DGB9FT	DB9 Female Connector for Field Termination	8.25	7.75	7.26	6.77	6.27
DGB15FT	DB15 Female Connector for Field Termination	9.75	9.16	8.58	8.00	7.41
DGB25FT	DB25 Female Connector for Field Termination	12.00	11.28	10.56	9.84	9.12
DGBH15FT	SVGA HD15 Female Connector for Field Termination	10.00	9.40	8.80	8.20	7.60
DGB9MT1	DB9 Male Connector for Field Termination	8.25	7.75	7.26	6.77	6.27
DGB15MT1	DB15 Male Connector for Field Termination	9.75	9.16	8.58	8.00	7.41
DGB25MT1	DB25 Male Connector for Field Termination	12.00	11.28	10.56	9.84	9.12
DGBH15MT1	SVGA HD15 Male Connector for Field Termination	10.00	9.40	8.80	8.20	7.60

☑RoHS DB9, DB15, DB25 or HD15 Female Connectors for Field Termination with Screwless Terminal Block

These field termination female connectors provide an easy and convenient way to perform field termination of any cable. Separate connection points are provided for all positions of the connector plus the ground. Screwless terminal block design with spring clamp provides reliable electrical connections utilizing no special tools. Simply depress the spring clamp, insert wire, release and the wire is secure. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062".

DGS9FT	DB9 Female Connector for Field Termination	8.75	8.22	7.70	7.18	6.65
DGS15FT	DB15 Female Connector for Field Termination	10.25	9.63	9.02	8.41	7.79
DGS25FT	DB25 Female Connector for Field Termination	12.75	11.98	11.22	10.46	9.69
DGSH15FT	HD15 Female Connector for Field Termination	10.50	9.87	9.24	8.61	7.98

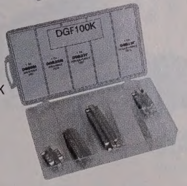
How slim-line adapters are constructed
See the tip and more at
L-com.com/SlimlineConstruction

DGF9MF

DGF15MF

DGFC25MF

DGFC37MF

DGF100K


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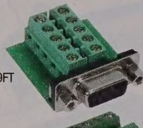

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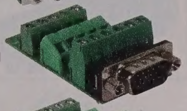

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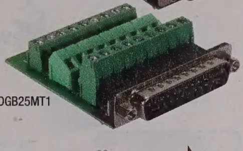

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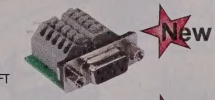

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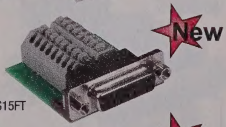

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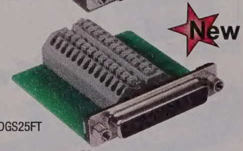
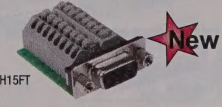
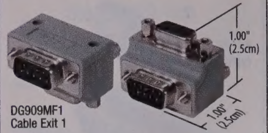
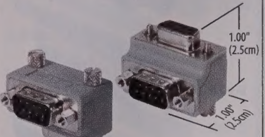


DGSH15FT


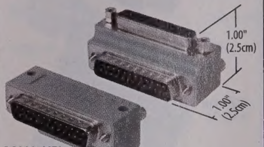
L-com® Global Connectivity



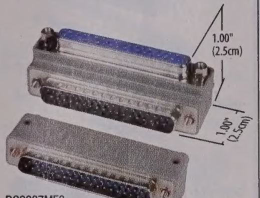
DG909MF1
Cable Exit 1



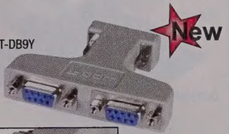
DG909MF2
Cable Exit 2



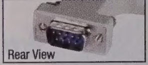
DG9025MF2
Cable Exit 2



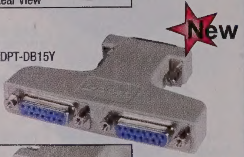
DG9037MF3
Cable Exit 3



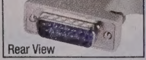
ADPT-DB9Y



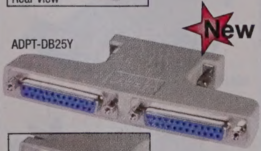
Rear View



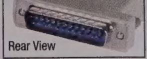
ADPT-DB15Y



Rear View



ADPT-DB25Y



Rear View

RoHS DB9, HD15, DB15, DB25 and DB37 Low Profile Right Angle Adapters - Molded and Fully Shielded

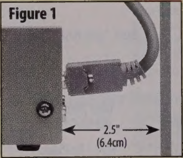
Item #	Description	1-9	10-24	25-99	100-249	250-499
DG909MF1	Low Profile Right Angle Adapter, DB9 Male / Female, Cable Exit 1	7.00	6.58	6.16	5.74	5.32
DG909MF2	Low Profile Right Angle Adapter, DB9 Male / Female, Cable Exit 2	7.00	6.58	6.16	5.74	5.32
DG909MF3	Low Profile Right Angle Adapter, DB9 Male / Female, Cable Exit 3	7.00	6.58	6.16	5.74	5.32
DG90H15MF1	Low Profile Right Angle Adapter, HD15 Male / Female, Cable Exit 1	8.00	7.52	7.04	6.56	6.08
DG90H15MF2	Low Profile Right Angle Adapter, HD15 Male / Female, Cable Exit 2	8.00	7.52	7.04	6.56	6.08
DG90H15MF3	Low Profile Right Angle Adapter, HD15 Male / Female, Cable Exit 3	8.00	7.52	7.04	6.56	6.08
DG9015MF1	Low Profile Right Angle Adapter, DB15 Male / Female, Cable Exit 1	8.00	7.52	7.04	6.56	6.08
DG9015MF2	Low Profile Right Angle Adapter, DB15 Male / Female, Cable Exit 2	8.00	7.52	7.04	6.56	6.08
DG9015MF3	Low Profile Right Angle Adapter, DB15 Male / Female, Cable Exit 3	8.00	7.52	7.04	6.56	6.08
DG9025MF1	Low Profile Right Angle Adapter, DB25 Male / Female, Cable Exit 1	10.00	9.40	8.80	8.20	7.60
DG9025MF2	Low Profile Right Angle Adapter, DB25 Male / Female, Cable Exit 2	10.00	9.40	8.80	8.20	7.60
DG9025MF3	Low Profile Right Angle Adapter, DB25 Male / Female, Cable Exit 3	10.00	9.40	8.80	8.20	7.60
DG9037MF1	Low Profile Right Angle Adapter, DB37 Male / Female, Cable Exit 1	12.00	11.28	10.56	9.84	9.12
DG9037MF2	Low Profile Right Angle Adapter, DB37 Male / Female, Cable Exit 2	12.00	11.28	10.56	9.84	9.12
DG9037MF3	Low Profile Right Angle Adapter, DB37 Male / Female, Cable Exit 3	12.00	11.28	10.56	9.84	9.12

Tip

How are right angle adapters used?

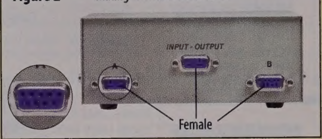
Right angle adapters assist in connecting cables in tight spaces by allowing the cable to mate at a 90 degree angle. This reduces the backshell and cable bend distance required when mating cables. L-com offers right angle adapters in DB9, DB15, DB25, DB37 and HD15 male to female configurations with three cable exit directions each. Hardware is reversible allowing for use in virtually any application.

Figure 1



Cables require approximately 2.5" to exit a mating connector depending on backshell length and cable diameter/flexibility.

Figure 2 Mating to a female connector



Choose the proper adapter for desired cable exit direction and simply plug the cable into the adapter.

Figure 3
Mating to a female connector

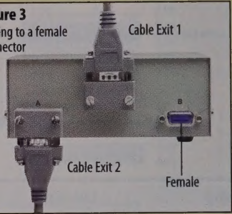
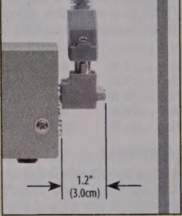


Figure 4



Cable Exit 1 Side View

DG909MF1
Cable Exit 1

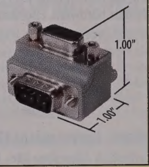
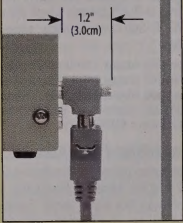
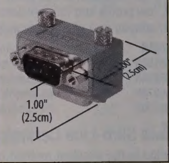


Figure 5



Cable Exit 2 Side View

DG909MF2
Cable Exit 2



Cable Exit 3 allows the user to rotate the female connector 180° compared to Cable Exits 1 and 2.

DG909MF3
Cable Exit 3

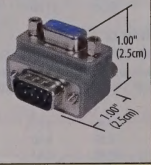
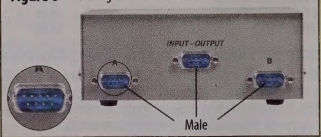
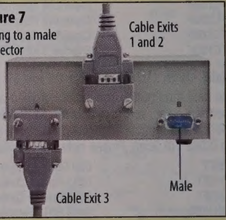


Figure 6 Mating to a male connector



Choose the proper adapter for desired cable exit direction and simply plug the cable into the adapter.

Figure 7
Mating to a male connector



Note: When mating to a male connector, Cable Exits 1 and 2 exit in the same direction.

RoHS Y Adapters / Splitters for DB9, DB15 and DB25 Connector Sizes

These handy Y adapters are wired straight through for applications requiring splitting signals. The single end is male while the dual/split end is female for easy attachment to standard cable assemblies. The housing is fully shielded to maintain EMI protection and the contacts are 30 microinch gold plated allowing for many mating cycles. Color is light gray.

Item #	Description	1-9	10-24	25-99	100-249	250-499
ADPT-DB9Y	Y Splitter Adapter, DB9M - DB9F & DB9F	9.50	9.12	8.74	8.36	7.98
ADPT-DB15Y	Y Splitter Adapter, DB15M - DB15F & DB15F	11.00	10.56	10.12	9.68	9.24
ADPT-DB25Y	Y Splitter Adapter, DB25M - DB25F & DB25F	14.00	13.44	12.88	12.32	11.76

RoHS Do-It-Yourself Kits - Everything You Need to Build Your Own Data Line Adapters

Allows the creation of many types of data line adapters. Utilizes the most popular D-Subminiature connectors with solder cup terminations. Simply solder short wire jumpers to pins of your choice. The following components are included in each kit: two D-Sub Connectors of appropriate size and gender, two snap-on half covers and a complete set of hardware for the connectors. No jumper wires are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DIY9MF	Do-It-Yourself Kit, DB9 Male / Female	6.60	6.07	5.54	5.02	4.49
DIY9MM	Do-It-Yourself Kit, DB9 Male / Male	6.45	5.93	5.42	4.90	4.39
DIY9FF	Do-It-Yourself Kit, DB9 Female / Female	6.75	6.21	5.67	5.13	4.59
DIY15MF	Do-It-Yourself Kit, DB15 Male / Female	7.25	6.67	6.09	5.51	4.93
DIY15MM	Do-It-Yourself Kit, DB15 Male / Male	7.10	6.53	5.96	5.40	4.83
DIY15FF	Do-It-Yourself Kit, DB15 Female / Female	7.40	6.81	6.22	5.62	5.03
DIY25MF	Do-It-Yourself Kit, DB25 Male / Female	8.10	7.45	6.80	6.16	5.51
DIY25MM	Do-It-Yourself Kit, DB25 Male / Male	7.95	7.31	6.68	6.04	5.41
DIY25FF	Do-It-Yourself Kit, DB25 Female / Female	8.25	7.59	6.93	6.27	5.61

RoHS Do-It-Yourself Kits - Create Custom Wired DB25 to DB9 Interface Adapters

Item #	Description	1-9	10-24	25-99	100-249	250-499
DIY259MF	Do-It-Yourself Kit, DB25 Male / DB9 Female	6.75	6.21	5.67	5.13	4.59
DIY259FF	Do-It-Yourself Kit, DB25 Female / DB9 Female	6.90	6.35	5.80	5.24	4.69
DIY259MM	Do-It-Yourself Kit, DB25 Male / DB9 Male	6.60	6.07	5.54	5.02	4.49
DIYW	Pre-tinned Jumpers, Pkg/25	2.00	1.96	1.92	1.88	1.84

RoHS Do-It-Yourself Kit - Utilizes 9 or HD15 Pin D-Subs and Metalized Shielded Case

Item #	Description	1-9	10-24	25-99	100-249	250-499
DIY9CMF	Metalized DIY Kit, DB9 Male / Female	6.95	6.39	5.84	5.28	4.73
DIY-HD15CMF	Metalized DIY Kit, HD15 Male / Female	7.95	7.31	6.68	6.04	5.41
DIYW	Pre-tinned Jumpers, Pkg/25	2.00	1.96	1.92	1.88	1.84

RoHS Data Jumper Box Kits - Include a PC Board to Simplify Data Line Adapter Design

Every pin of the male or female D-Subminiature connector terminates to solder pads with drilled holes on each end of the adapters' PC board to make connection easy. Supplied with ten wires already stripped and tinned for permanent wiring to suit your needs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DJB9MF	Plastic PCB Jumper Box, DB9 Male / Female	9.25	8.51	7.77	7.03	6.29
DJB15MF	Plastic PCB Jumper Box, DB15 Male / Female	10.45	9.61	8.78	7.94	7.11
DJB25MF	Plastic PCB Jumper Box, DB25 Male / Female	11.65	10.72	9.79	8.85	7.92

RoHS Plastic D-Sub Half Cover Pairs - Popular Accessory to Assemble Custom Adapters

Choosing these D-Sub half cover pairs will satisfy most of your custom adapter requirements. These covers feature UL94V-0 rated plastic and are available in Gray or Black. They are supplied with the appropriate hardware to allow male/female or male/male cable connections. For female/female applications, you'll need two (2) additional hex standoffs (page 98).

Item #	Description	1-9	10-24	25-99	100-249	250-499
DHP9G	Half Cover Pair, DB9, Gray Plastic	1.95	1.79	1.64	1.48	1.33
DHP15G	Half Cover Pair, DB15, Gray Plastic	2.15	1.98	1.81	1.63	1.46
DHP25G	Half Cover Pair, DB25, Gray Plastic	2.25	2.07	1.89	1.71	1.53
DHP9B	Half Cover Pair, DB9, Black Plastic	1.95	1.79	1.64	1.48	1.33
DHP15B	Half Cover Pair, DB15, Black Plastic	2.15	1.98	1.81	1.63	1.46
DHP25B	Half Cover Pair, DB25, Black Plastic	2.25	2.07	1.89	1.71	1.53

RoHS All Metal DB9 and DB25 Half Cover Pairs - Satisfy the Need for Being Compact and Rugged

The special design of these covers provides a smart look in adapter creation. All steel to take much abuse, with a heavy chrome plate to add attractiveness. Snaps together and comes apart easily. They are supplied with appropriate cable connector fastening hardware for male/female connections. See page 98 for additional hardware.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DHS9	Half Cover Pair, DB9, Nickel Plated Steel	2.85	2.74	2.62	2.51	2.39
DHS25	Half Cover Pair, DB25, Nickel Plated Steel	2.95	2.83	2.71	2.60	2.48

RoHS Crimp & Poke Style Straight and Y Jumper Wires - Sold Only in Packs of 10

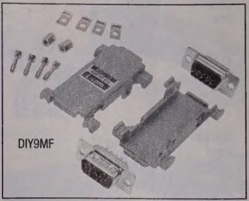
Item #	Description	1-9	10-24	25-99	100-249	250-499
RA50M	Straight Jumper Wires, Male / Male, Pkg/10	2.99	2.75	2.51	2.27	CALL
RA50F	Straight Jumper Wires, Female / Female, Pkg/10	2.99	2.75	2.51	2.27	CALL
RA50MF	Straight Jumper Wires, Male / Female, Pkg/10	2.99	2.75	2.51	2.27	CALL
RA50MFM	Y Jumper Wires, Male / Female / Male, Pkg/10	3.99	3.67	3.35	3.03	CALL
RA50FMF	Y Jumper Wires, Female / Male / Female, Pkg/10	3.99	3.67	3.35	3.03	CALL
RA50FFF	Y Jumper Wires, Female / Female / Female, Pkg/10	3.99	3.67	3.35	3.03	CALL

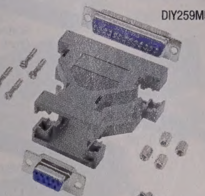
RoHS Right Angle D-Sub PCB Connectors - 10 Connectors per Tray

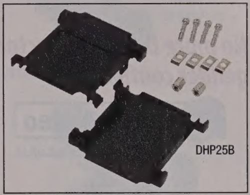
Right angle PCB connectors are popular for many I/O applications. Board locks provide a secure PCB connection and easy soldering every time. Connectors are available in DB9, DB15, DB25, DB37 and HD15 sizes.

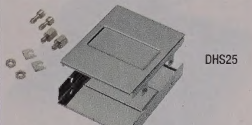
Item #	Description	1-9	10-24	25-99	100-249	250-499
SD9P-RA-PC	Right Angle PCB D-Sub Connector, DB9 Male, Tray of 10	11.20	10.30	9.41	8.51	7.62
SD15P-RA-PC	Right Angle PCB D-Sub Connector, DB15 Male, Tray of 10	13.20	12.14	11.09	10.03	8.98
SD25P-RA-PC	Right Angle PCB D-Sub Connector, DB25 Male, Tray of 10	18.40	16.93	15.46	13.98	12.51
SD37P-RA-PC	Right Angle PCB D-Sub Connector, DB37 Male, Tray of 10	25.60	23.55	21.50	19.46	17.41
SDH15P-RA-PC	Right Angle PCB D-Sub Connector, HD15 Male, Tray of 10	16.00	14.72	13.44	12.16	10.88
SD9S-RA-PC	Right Angle PCB D-Sub Connector, DB9 Female, Tray of 10	11.20	10.30	9.41	8.51	7.62
SD15S-RA-PC	Right Angle PCB D-Sub Connector, DB15 Female, Tray of 10	13.20	12.14	11.09	10.03	8.98
SD25S-RA-PC	Right Angle PCB D-Sub Connector, DB25 Female, Tray of 10	18.40	16.93	15.46	13.98	12.51
SD37S-RA-PC	Right Angle PCB D-Sub Connector, DB37 Female, Tray of 10	25.60	23.55	21.50	19.46	17.41
SDH15S-RA-PC	Right Angle PCB D-Sub Connector, HD15 Female, Tray of 10	16.00	14.72	13.44	12.16	10.88

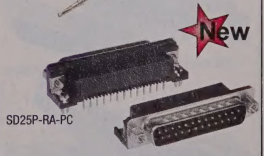
NOTE:
The adapter kits shown on these pages are also available completely wired and optionally provided with internal jumpers and circuit components. Your Sales Representative will be happy to address your needs.

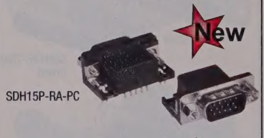


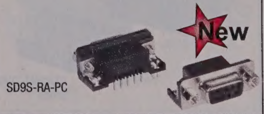












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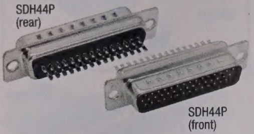
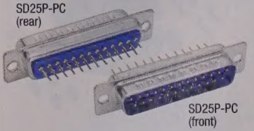
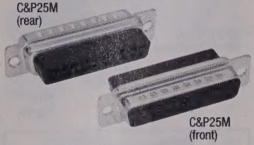


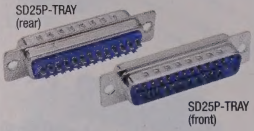


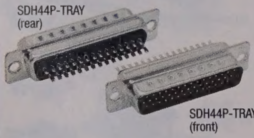


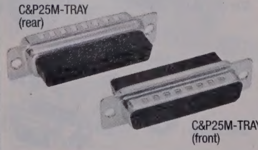
No more D-Sub connector gender confusion!

Online Video

L-com.com/Videos/A14







RoHS D-Sub Connectors-Choose from Solder Cup, Insertion Style or PC Termination Style Individually Packaged

These D-Sub connectors conform to commercial industry standards and will mate with any opposite gender D-Sub connector. Contact plating is gold flash, connector insulator is UL94V-0 rated.

Item #	Description	1-9	10-24	25-99	100-249	250-499
SD9P	Solder Cup D-Sub Connector, DB9 Male	1.10	1.01	0.92	0.84	0.75
SD15P	Solder Cup D-Sub Connector, DB15 Male	1.25	1.15	1.05	0.95	0.85
SD25P	Solder Cup D-Sub Connector, DB25 Male	1.45	1.33	1.22	1.10	0.99
SD37P	Solder Cup D-Sub Connector, DB37 Male	4.40	4.05	3.70	3.34	2.99
SD50P	Solder Cup D-Sub Connector, DB50 Male	5.60	5.15	4.70	4.26	3.81
SD9S	Solder Cup D-Sub Connector, DB9 Female	1.15	1.06	0.97	0.87	0.78
SD15S	Solder Cup D-Sub Connector, DB15 Female	1.30	1.20	1.09	0.99	0.88
SD25S	Solder Cup D-Sub Connector, DB25 Female	1.55	1.43	1.30	1.18	1.05
SD37S	Solder Cup D-Sub Connector, DB37 Female	4.65	4.28	3.91	3.53	3.16
SD50S	Solder Cup D-Sub Connector, DB50 Female	5.90	5.43	4.96	4.48	4.01

RoHS Solder Cup High-Density D-Subminiature Connectors - Accept up to 20 AWG Wires

Item #	Description	1-9	10-24	25-99	100-249	250-499
SDH15P	Solder Cup D-Sub Connector, HD15 Male	1.80	1.66	1.51	1.37	1.22
SDH26P	Solder Cup D-Sub Connector, HD26 Male	3.00	2.76	2.52	2.28	2.04
SDH44P	Solder Cup D-Sub Connector, HD44 Male	5.15	4.74	4.33	3.91	3.50
SDH62P	Solder Cup D-Sub Connector, HD62 Male	6.25	5.75	5.25	4.75	4.25
SDH78P	Solder Cup D-Sub Connector, HD78 Male	7.50	6.90	6.30	5.70	5.10
SDH15S	Solder Cup D-Sub Connector, HD15 Female	1.90	1.75	1.60	1.44	1.29
SDH26S	Solder Cup D-Sub Connector, HD26 Female	3.15	2.90	2.65	2.39	2.14
SDH44S	Solder Cup D-Sub Connector, HD44 Female	5.35	4.92	4.49	4.07	3.64
SDH62S	Solder Cup D-Sub Connector, HD62 Female	6.45	5.93	5.42	4.90	4.39
SDH78S	Solder Cup D-Sub Connector, HD78 Female	7.80	7.18	6.55	5.93	5.30

RoHS PC Termination D-Subminiature Connectors - Male and Female Genders

Item #	Description	1-9	10-24	25-99	100-249	250-499
SD9P-PC	PC Termination D-Sub Connector, DB9 Male	1.60	1.47	1.34	1.22	1.09
SD15P-PC	PC Termination D-Sub Connector, DB15 Male	2.35	2.16	1.97	1.79	1.60
SD25P-PC	PC Termination D-Sub Connector, DB25 Male	2.95	2.71	2.48	2.24	2.01
SD37P-PC	PC Termination D-Sub Connector, DB37 Male	5.65	5.20	4.75	4.29	3.84
SD9S-PC	PC Termination D-Sub Connector, DB9 Female	1.65	1.52	1.39	1.25	1.12
SD15S-PC	PC Termination D-Sub Connector, DB15 Female	2.40	2.21	2.02	1.82	1.63
SD25S-PC	PC Termination D-Sub Connector, DB25 Female	3.05	2.81	2.56	2.32	2.07
SD37S-PC	PC Termination D-Sub Connector, DB37 Female	5.85	5.38	4.91	4.45	3.98

RoHS Insertion Style D-Sub Connectors Accept Industry Standard Pins and Sockets

Item #	Description	1-9	10-24	25-99	100-249	250-499
C&P9M	Insertion Type D-Sub Connector, DB9 Male	0.70	0.64	0.59	0.53	0.48
C&P15M	Insertion Type D-Sub Connector, DB15 Male	0.80	0.74	0.67	0.61	0.54
C&P25M	Insertion Type D-Sub Connector, DB25 Male	0.90	0.83	0.76	0.68	0.61
C&P37M	Insertion Type D-Sub Connector, DB37 Male	2.45	2.25	2.06	1.86	1.67
C&P50M	Insertion Type D-Sub Connector, DB50 Male	4.05	3.73	3.40	3.08	2.75
C&P9F	Insertion Type D-Sub Connector, DB9 Female	0.80	0.74	0.67	0.61	0.54
C&P15F	Insertion Type D-Sub Connector, DB15 Female	0.90	0.83	0.76	0.68	0.61
C&P25F	Insertion Type D-Sub Connector, DB25 Female	1.00	0.92	0.84	0.76	0.68
C&P37F	Insertion Type D-Sub Connector, DB37 Female	2.55	2.35	2.14	1.94	1.73
C&P50F	Insertion Type D-Sub Connector, DB50 Female	4.15	3.82	3.49	3.15	2.82

RoHS D-Sub and HD Style Bulk Packaged Connectors - Solder and Crimp Styles

Save time and money with these D-Sub and HD style connector multi packs. Packed in convenient trays, these connectors are ideal for high volume production. Offered in both solder and crimp versions these connectors are perfect for all of your cable termination needs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
SD9P-TRAY	Solder Cup D-Sub Connector, DB9 Male, Tray of 50	38.50	35.42	32.34	29.26	26.18
SD15P-TRAY	Solder Cup D-Sub Connector, DB15 Male, Tray of 70	61.25	56.35	51.45	46.55	41.65
SD25P-TRAY	Solder Cup D-Sub Connector, DB25 Male, Tray of 50	50.75	46.69	42.63	38.57	34.51
SD37P-TRAY	Solder Cup D-Sub Connector, DB37 Male, Tray of 40	123.20	113.34	103.49	93.63	83.78
SD50P-TRAY	Solder Cup D-Sub Connector, DB50 Male, Tray of 40	156.80	144.26	131.71	119.17	106.62
SD9S-TRAY	Solder Cup D-Sub Connector, DB9 Female, Tray of 50	40.25	37.03	33.81	30.59	27.37
SD15S-TRAY	Solder Cup D-Sub Connector, DB15 Female, Tray of 70	63.70	58.60	53.51	48.41	43.32
SD25S-TRAY	Solder Cup D-Sub Connector, DB25 Female, Tray of 50	54.25	49.91	45.57	41.23	36.89
SD37S-TRAY	Solder Cup D-Sub Connector, DB37 Female, Tray of 40	130.20	119.78	109.37	98.95	88.54
SD50S-TRAY	Solder Cup D-Sub Connector, DB50 Female, Tray of 40	165.20	151.98	138.77	125.55	112.34

RoHS Solder Cup High-Density D-Subminiature Connectors - Accept up to 20 AWG Wires

Item #	Description	1-9	10-24	25-99	100-249	250-499
SDH15P-TRAY	Solder Cup D-Sub Connector, HD15 Male, Tray of 50	63.00	57.96	52.92	47.88	42.84
SDH26P-TRAY	Solder Cup D-Sub Connector, HD26 Male, Tray of 70	147.00	135.24	123.48	111.72	99.96
SDH44P-TRAY	Solder Cup D-Sub Connector, HD44 Male, Tray of 50	180.25	165.83	151.41	136.99	122.57
SDH62P-TRAY	Solder Cup D-Sub Connector, HD62 Male, Tray of 40	175.00	161.00	147.00	133.00	119.00
SDH78P-TRAY	Solder Cup D-Sub Connector, HD78 Male, Tray of 40	210.00	193.20	176.40	159.60	142.80
SDH15S-TRAY	Solder Cup D-Sub Connector, HD15 Female, Tray of 50	66.50	61.18	55.86	50.54	45.22
SDH26S-TRAY	Solder Cup D-Sub Connector, HD26 Female, Tray of 70	154.35	142.00	129.65	117.31	104.96
SDH44S-TRAY	Solder Cup D-Sub Connector, HD44 Female, Tray of 50	187.25	172.27	157.29	142.31	127.33
SDH62S-TRAY	Solder Cup D-Sub Connector, HD62 Female, Tray of 40	180.60	166.15	151.70	137.26	122.81
SDH78S-TRAY	Solder Cup D-Sub Connector, HD78 Female, Tray of 40	218.40	200.93	183.46	165.98	148.51

RoHS Insertion Style D-Sub Connectors Accept Industry Standard Pins and Sockets

Item #	Description	1-9	10-24	25-99	100-249	250-499
C&P9M-TRAY	Insertion Type D-Sub Connector, DB9 Male, Tray of 50	24.50	22.54	20.58	18.62	16.66
C&P15M-TRAY	Insertion Type D-Sub Connector, DB15 Male, Tray of 50	28.00	25.76	23.52	21.28	19.04
C&P25M-TRAY	Insertion Type D-Sub Connector, DB25 Male, Tray of 50	31.50	28.98	26.46	23.94	21.42
C&P37M-TRAY	Insertion Type D-Sub Connector, DB37 Male, Tray of 40	68.60	63.11	57.62	52.14	46.65
C&P50M-TRAY	Insertion Type D-Sub Connector, DB50 Male, Tray of 40	113.40	104.33	95.26	86.18	77.11
C&P9F-TRAY	Insertion Type D-Sub Connector, DB9 Female, Tray of 50	28.00	25.76	23.52	21.28	19.04
C&P15F-TRAY	Insertion Type D-Sub Connector, DB15 Female, Tray of 50	31.50	28.98	26.46	23.94	21.42
C&P25F-TRAY	Insertion Type D-Sub Connector, DB25 Female, Tray of 50	35.00	32.20	29.40	26.60	23.80
C&P37F-TRAY	Insertion Type D-Sub Connector, DB37 Female, Tray of 40	71.40	65.69	59.98	54.26	48.55
C&P50F-TRAY	Insertion Type D-Sub Connector, DB50 Female, Tray of 40	116.20	106.90	97.61	88.31	79.02

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if you have questions about your application

Waterproof D-Sub Connectors and Backshells - IEC IP67 Rated

Harsh outdoor or indoor environments can destroy electronic equipment. Standard D-Sub connectors are not intended to withstand contaminants such as water and dust. By utilizing tough ABS housings, rubber gaskets and silicone insulating rings, these products achieve IEC IP67 ratings. Panel mounted D-Sub solder connectors are rear mounted and fit into standard D-Sub holes. Backshells conform to a variety of cable diameters by adjusting the sealing nut. L-com will manufacture cable assemblies using waterproof backshells with modest minimum requirements.

✓RoHS Waterproof D-Sub Panel Mount Solder Connectors

These solder cup connectors are available in male or female genders and DB9, DB15, DB25 and HD15 sizes. They will accommodate wire ranges from 30 - 20 AWG. Construction features gold plated brass contacts, nickel plated steel shells and a silicone insulating ring. Maximum recommended panel thickness is 0.078" (0.2cm).

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPSD9P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB9M	13.75	12.92	12.10	11.28	10.45
WPSD9S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB9F	13.75	12.92	12.10	11.28	10.45
WPSD15P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB15M	15.75	14.80	13.86	12.92	11.97
WPSD15S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB15F	15.75	14.80	13.86	12.92	11.97
WPSD25P	Waterproof Panel Mount Solder Cup D-Sub Connector, DB25M	17.75	16.68	15.62	14.56	13.49
WPSD25S	Waterproof Panel Mount Solder Cup D-Sub Connector, DB25F	17.75	16.68	15.62	14.56	13.49
WPSDH15P	Waterproof Panel Mount Solder Cup D-Sub Connector, HD15M	15.75	14.80	13.86	12.92	11.97
WPSDH15S	Waterproof Panel Mount Solder Cup D-Sub Connector, HD15F	15.75	14.80	13.86	12.92	11.97

✓RoHS Waterproof D-Sub Connector Covers

L-com's WPSD series of waterproof covers are perfect for protecting D-subminiature connectors from contamination and moisture. Designed for harsh environments, these protective covers can be used with L-com's WPSD series waterproof D-sub connectors to ensure IP67 rated protection. Several versions are available for the most common D-sub connector styles including DB9 (HD15), DB15 and DB25.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPSD1-CVR	Waterproof D-Sub Connector Cover, DB9 and HD15	6.50	6.11	5.72	5.33	4.94
WPSD2-CVR	Waterproof D-Sub Connector Cover, DB15	6.75	6.34	5.94	5.54	5.13
WPSD3-CVR	Waterproof D-Sub Connector Cover, DB25	7.00	6.58	6.16	5.74	5.32

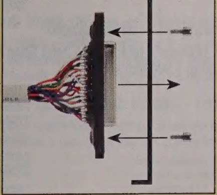
✓RoHS Waterproof D-Sub Backshell Kits

These backshell kits include solder cup connectors and are also available in male or female genders and DB9, DB15, DB25 and HD15 sizes. The connectors will accommodate wire ranges from 30 - 20 AWG. Backshell construction features ABS housings, nylon seals, nickel plated brass thumbscrews and rubber sealing gaskets to insure IEC IP67 rating. Color: Black.

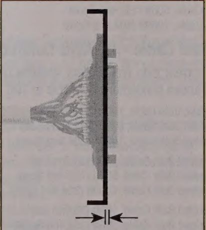
Item #	Description	1-9	10-24	25-99	100-249	250-499
WPDB9P-KIT	Waterproof D-Sub Backshell Kit, DB9M	15.75	14.80	13.86	12.92	11.97
WPDB9S-KIT	Waterproof D-Sub Backshell Kit, DB9F	15.75	14.80	13.86	12.92	11.97
WPDB15P-KIT	Waterproof D-Sub Backshell Kit, DB15M	17.75	16.68	15.62	14.56	13.49
WPDB15S-KIT	Waterproof D-Sub Backshell Kit, DB15F	17.75	16.68	15.62	14.56	13.49
WPDB25P-KIT	Waterproof D-Sub Backshell Kit, DB25M	20.75	19.50	18.26	17.02	15.77
WPDB25S-KIT	Waterproof D-Sub Backshell Kit, DB25F	20.75	19.50	18.26	17.02	15.77
WPHDB15P-KIT	Waterproof D-Sub Backshell Kit, HD15M	13.75	12.65	11.55	10.45	9.35
WPHDB15S-KIT	Waterproof D-Sub Backshell Kit, HD15F	13.75	12.65	11.55	10.45	9.35

Tip *How to apply panel mount waterproof D-Sub products*

STEP 1

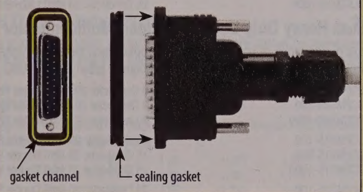


Mount D-Sub connector from inside of panel/enclosure using hex jack screws provided.



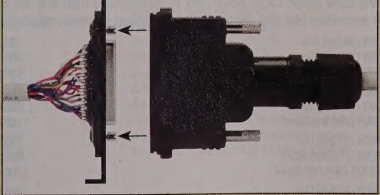
Maximum panel thickness is 0.078"(0.2cm)

STEP 2

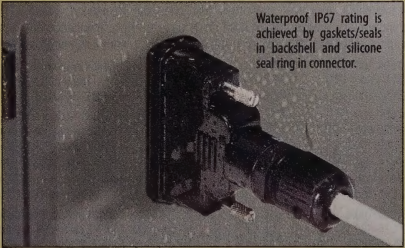


Apply sealing gasket (supplied with backshell kit) in backshell channel around perimeter of D-Sub connector.

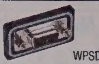
STEP 3



Mate connectors and secure backshell thumbscrews to threaded jackscrews.



Waterproof IP67 rating is achieved by gaskets/seals in backshell and silicone seal ring in connector.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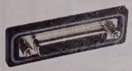
WPSD15P

WPSD15S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WPSDH15S

WPSD1-CVR

WPSD2-CVR

WPSD3-CVR

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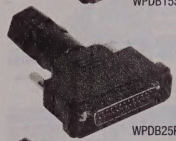
WPDB9S-KIT

WPDB15P-KIT

WPDB15S-KIT


WPDB25P-KIT

WPDB25S-KIT

WPHDB15P-KIT

WPHDB15S-KIT

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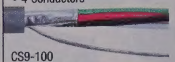
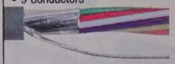
L-com® Global Connectivity

Multiconductor

CS4-100
- 4 Conductors



CS9-100
- 9 Conductors



CS25-100
- 25 Conductors

Bulk Twisted Pair

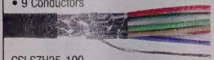
CSTP5-100
- 5 Pair

CSTP125-100
- 12.5 Pair

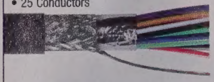
CSTP19-100
- 19 Pair

Low Smoke Zero Halogen

CSLSZH09-100
- 9 Conductors



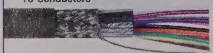
CSLSZH25-100
- 25 Conductors



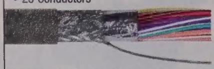
New PVC Large Gauge

CSCPMS09-100
- 9 Conductors

CSCPMS15-100
- 15 Conductors



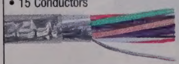
CSCPMS25-100
- 25 Conductors



Plenum Hi-Temperature

CSPL04-100
- 4 Conductors

CSPL15-100
- 15 Conductors



RoHS Bulk Multiconductor Data Cable - 24 AWG Stranded Conductors

This is one of the most popular choices for data cable applications. Conductors are 24 AWG 7/32 stranded conductors with PVC insulation. Jacket is also PVC, color is Chrome Gray. Foil shielding with tinned drain wire. Choose from 4, 9, 15 or 25 conductors and 100 foot coils or 500 and 1,000 foot spools. UL and CSA Listed.

Item #	Description	List Price
CS4-100	4 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	24.00
CS4-500	4 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	120.00
CS4-1000	4 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	240.00
CS9-100	9 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	34.00
CS9-500	9 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	170.00
CS9-1000	9 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	340.00
CS15-100	15 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	50.00
CS15-500	15 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	250.00
CS15-1000	15 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	500.00
CS25-100	25 Conductor 24 AWG Bulk Cable, 100ft (30.5m) Coil	80.00
CS25-500	25 Conductor 24 AWG Bulk Cable, 500ft (152.4m) Spool	400.00
CS25-1000	25 Conductor 24 AWG Bulk Cable, 1000ft (304.8m) Spool	800.00

RoHS Bulk Twisted Pair Data Cable - Double Shielded, 26 AWG Stranded Conductors

Twisted pair bulk cable features difficult to find 26 AWG conductors with foil, drain wire and braid shield as well as a flexible PVC jacket. Choose from 5, 12.5, 19, or 25 pairs in 100, 500 or 1,000 foot spools. Jacket color is Light Gray.

Item #	Description	List Price
CSTP5-100	5 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	54.00
CSTP5-500	5 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	270.00
CSTP5-1000	5 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	540.00
CSTP125-100	12.5 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	130.00
CSTP125-500	12.5 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	650.00
CSTP125-1000	12.5 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	1300.00
CSTP19-100	19 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	160.00
CSTP19-500	19 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	800.00
CSTP19-1000	19 Pair 26 AWG Bulk Cable, 1000ft (304.8m) Spool	1600.00
CSTP25-100	25 Pair 26 AWG Bulk Cable, 100ft (30.5m) Spool	270.00
CSTP25-500	25 Pair 26 AWG Bulk Cable, 500ft (152.4m) Spool	1350.00

RoHS Low Smoke Zero Halogen Data Cable - Double Shielded, 24 AWG Stranded Conductors

Low smoke zero halogen cable reduces the amount of toxic and corrosive gasses emitted during combustion. Typically used in poorly ventilated areas, low smoke zero halogen is becoming very popular with military contractors. Cable construction features 24 AWG stranded tinned copper conductors with high density polyethylene insulation, overall aluminum polyester foil shield with tinned copper braid and a 24 AWG drain wire. Cable jacket color is Black. Choose from 9, 15, or 25 conductor cable and 100, 500, or 1,000 foot put ups. L-com will manufacture cable assemblies featuring low smoke zero halogen cable with modest minimum requirements.

Item #	Description	List Price
CSLSZH09-100	9 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	70.00
CSLSZH09-500	9 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	350.00
CSLSZH09-1000	9 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	700.00
CSLSZH15-100	15 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	120.00
CSLSZH15-500	15 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	600.00
CSLSZH15-1000	15 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	1200.00
CSLSZH25-100	25 Conductor 24 AWG LSZH Bulk Cable, 100ft (30.5m) Coil	150.00
CSLSZH25-500	25 Conductor 24 AWG LSZH Bulk Cable, 500ft (152.4m) Spool	750.00
CSLSZH25-1000	25 Conductor 24 AWG LSZH Bulk Cable, 1000ft (304.8m) Spool	1500.00

RoHS Heavy Duty Double Shielded Multiconductor Data Cable - 20 AWG Conductors, Foil + Braid Shield

Large gauge cable is now available for applications requiring higher current than typical data systems use. Features a dark gray UL2464 listed PVC jacket, aluminum mylar foil shield, tinned copper braid and 20 AWG stranded conductors. Available in 100, 500 or 1,000 foot spools.

Item #	Description	List Price
CSCPMS09-100	9 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	195.00
CSCPMS09-500	9 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	925.00
CSCPMS09-1000	9 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	1750.00
CSCPMS15-100	15 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	300.00
CSCPMS15-500	15 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	1450.00
CSCPMS15-1000	15 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	2750.00
CSCPMS25-100	25 Conductor 20 AWG Double Shielded Bulk Cable, 100ft (30.5m) Coil	525.00
CSCPMS25-500	25 Conductor 20 AWG Double Shielded Bulk Cable, 500ft (152.4m) Spool	2500.00
CSCPMS25-1000	25 Conductor 20 AWG Double Shielded Bulk Cable, 1000ft (304.8m) Spool	4750.00

RoHS Plenum, Hi-Temperature Data Cable - Shielded, 24 AWG Stranded Conductors, -40°C to 150°C

Some harsh environments require protection beyond the capabilities of PVC. Halar (thermoplastic fluoropolymer) insulated cable provides excellent thermal characteristics, electrical properties and chemical resistance. Cable construction features 24 AWG stranded tinned copper conductors, overall aluminum/mylar shield with 24 AWG drain wire and Halar insulated conductors and cable jacket. Cable jacket color is Clear. Choose from 4, 9, 15, or 25 conductor cable and 100, 500, or 1,000 foot put ups. L-com will manufacture cable assemblies featuring plenum cable with modest minimum requirements.

Item #	Description	List Price
CSPL04-100	4 Conductor 24 AWG Plenum Bulk Cable, 100ft (30.5m) Coil	60.00
CSPL04-500	4 Conductor 24 AWG Plenum Bulk Cable, 500ft (152.4m) Spool	300.00
CSPL04-1000	4 Conductor 24 AWG Plenum Bulk Cable, 1000ft (304.8m) Spool	600.00
CSPL09-100	9 Conductor 24 AWG Plenum Bulk Cable, 100ft (30.5m) Coil	110.00
CSPL09-500	9 Conductor 24 AWG Plenum Bulk Cable, 500ft (152.4m) Spool	550.00
CSPL09-1000	9 Conductor 24 AWG Plenum Bulk Cable, 1000ft (304.8m) Spool	1100.00
CSPL15-100	15 Conductor 24 AWG Plenum Bulk Cable, 100ft (30.5m) Coil	170.00
CSPL15-500	15 Conductor 24 AWG Plenum Bulk Cable, 500ft (152.4m) Spool	850.00
CSPL15-1000	15 Conductor 24 AWG Plenum Bulk Cable, 1000ft (304.8m) Spool	1700.00
CSPL25-100	25 Conductor 24 AWG Plenum Bulk Cable, 100ft (30.5m) Coil	240.00
CSPL25-500	25 Conductor 24 AWG Plenum Bulk Cable, 500ft (152.4m) Spool	1200.00
CSPL25-1000	25 Conductor 24 AWG Plenum Bulk Cable, 1000ft (304.8m) Spool	2400.00

L-com Global Connectivity

We want to help you!
See a complete list of free tips, tutorials
and videos at L-com.com/Resources

RoHS Crimp & Poke Contacts - Choose Pins or Sockets, Flash or 30µ

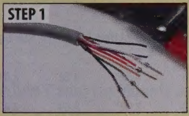
Item #	Description	1-9	10-24	25-99	100-249	250-499
CPM10	Crimp & Poke Male Pins - Gold Flash, Pkg/10	2.50	2.30	2.10	1.90	1.70
CPM100	Crimp & Poke Male Pins - Gold Flash, Reel/100	15.00	13.80	12.60	11.40	10.20
CPM10-30U	Crimp & Poke Male Pins - 30µ Gold, Pkg/10	3.25	2.99	2.73	2.47	2.21
CPM100-30U	Crimp & Poke Male Pins - 30µ Gold, Reel/100	19.50	17.94	16.38	14.82	13.26
CPF10	Crimp & Poke Female Sockets - Gold Flash, Pkg/10	3.00	2.76	2.52	2.28	2.04
CPF100	Crimp & Poke Female Sockets - Gold Flash, Reel/100	18.00	16.56	15.12	13.68	12.24
CPF10-30U	Crimp & Poke Female Sockets - 30µ Gold, Pkg/10	3.75	3.45	3.15	2.85	2.55
CPF100-30U	Crimp & Poke Female Sockets - 30µ Gold, Reel/100	22.50	20.70	18.90	17.10	15.30

RoHS Insertion/Extraction Tools for Crimp & Poke Type Contacts - Professional and Economy Versions

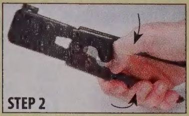
Two insertion/extraction tools are available for inserting contacts into D-Subs. Professional model is made for multiple insertions and is built on a larger, more ergonomic tool body. The economy version is also available when limited insertions are necessary.

TDT	Economy Contact Insertion/Extraction Tool	2.95	2.71	2.48	2.24	CALL
TDTPRO	Professional Contact Insertion/Extraction Tool	19.95	19.15	18.35	17.56	CALL

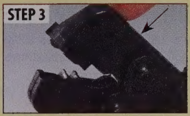
Tip How to crimp D-Sub contacts using hand tool CP3127CT


STEP 1

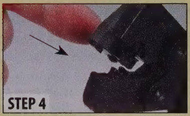
Strip the wire to 3/32" (0.2cm). You can use part #HTC2030.


STEP 2

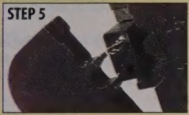
Squeeze tool handles together to release ratchet.


STEP 3

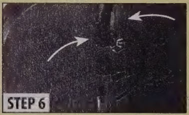
Slide the contact locator down from the top of the tool.


STEP 4

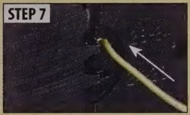
Then from the back, push the contact locator forward between tool crimp jaws.


STEP 5

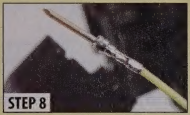
Orient the contact so open side of wire and insulation barrels are facing up and insert contact into locator.


STEP 6

Slide locator back placing contact between crimping jaws. Then squeeze tool handles together until ratchet engages (listen for clicking sound).


STEP 7

Insert wire over contact and against wire stop. Squeeze tool handles together until ratchet releases.


STEP 8

Slide locator down, push forward and remove crimped contact.

D-Subminiature Contact Crimp Tool - For Crimp & Poke Series Pins and Sockets

Professional grade tool crimps D-Subminiature pins and sockets for 20-30 AWG wires. Spring loaded holding mechanism centers and holds pin in place until crimping cycle is complete. Highest quality. See the Tip above for crimping instructions.

CP3127CT	D-Sub Contact Crimp Tool	120.00	117.60	115.20	112.80	110.40

D-Sub Hood Covers - Offering a Better Selection for Your Varied Cable Making Needs

L-com offers a better selection of D-Sub hoods than ever before. We've discovered in our own cable production that needs are varied because users are more demanding in style selection than traditional plastic or metal hoods. They are supplied as kits with appropriate hardware for male mating. Order hex standoffs separately for female adaptation.

RoHS Plastic D-Sub Hoods - Features One Piece Foldover Hinge Design

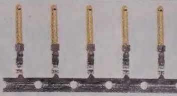
One piece unshielded hoods are available for DB9, DB15, DB25 and DB50 sizes. They are constructed of Black plastic with long knurled thumbscrews. They feature a side snap lock for connector security and metal screw down strain relief. Attractive appearance.

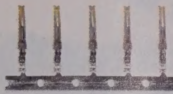
SD121-09	Hinged Hood Kit, DB9 Black	1.45	1.33	1.22	1.10	0.99
SD121-15	Hinged Hood Kit, DB15 Black	1.55	1.43	1.30	1.18	1.05
SD121-25	Hinged Hood Kit, DB25 Black	1.65	1.52	1.39	1.25	1.12
SD121-50	Hinged Hood Kit, DB50 Black	2.05	1.89	1.72	1.56	1.39

RoHS Plastic Hoods - Mate with D-Subminiature Connectors for Cabling

Molded plastic hoods are made of flame retardant materials. The metalized version is chrome plated providing conductivity and an RFI/EMI shield. A cable strain relief is also included.

SDC9G	Assembled Hood Kit, DB9 Gray	0.85	0.78	0.71	0.65	0.58
SDC15G	Assembled Hood Kit, DB15 Gray	1.00	0.92	0.84	0.76	0.68
SDC25G	Assembled Hood Kit, DB25 Gray	1.05	0.97	0.88	0.80	0.71
SDC37G	Assembled Hood Kit, DB37 Gray	1.20	1.10	1.01	0.91	0.82
SDC9B	Assembled Hood Kit, DB9 Black	0.90	0.83	0.76	0.68	0.61
SDC15B	Assembled Hood Kit, DB15 Black	1.05	0.97	0.88	0.80	0.71
SDC25B	Assembled Hood Kit, DB25 Black	1.10	1.01	0.92	0.84	0.75
SDC9M	Assembled Hood Kit, DB9 Metalized Chrome	1.05	0.97	0.88	0.80	0.71
SDC15M	Assembled Hood Kit, DB15 Metalized Chrome	1.25	1.15	1.05	0.95	0.85
SDC25M	Assembled Hood Kit, DB25 Metalized Chrome	1.35	1.24	1.13	1.03	0.92

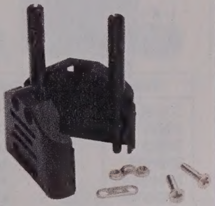

CPM10
Pkg/10

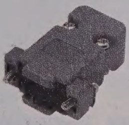

CPF10
Pkg/10

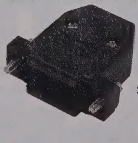
TDT

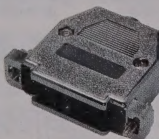
TDTPRO

CP3127CT


SD121-15


SDC9G


SDC15B


SDC25M

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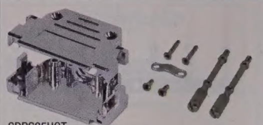
go to...L-com.com

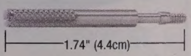


SDRS25HOT

Replacement grommets also sold separately.

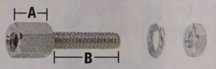
SDC25AG

04X44S



SDRA9AG

Replacement grommets also sold separately.



Model	Dim. A	Dim. B
SDG250	.232	.25
SDG300	.232	.30
SDG400	.232	.40
SDG400S	.197	.40
SDG400XS	.160	.40
SDG450XS	.160	.45
SDG500	.232	.50
SDH	.232	NA
SDHS	.195	NA
SDH-160	.160	NA

SDF1 Pkg/50

SDK Pkg/50

WPD109

WPD115

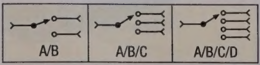
WPD125

D8-4828

D8-4843/DP15-2

D8-4853

D8-4873



L-com Global Connectivity

RoHS Metalized Plastic D-Sub Hoods - Low Profile and Contemporary Style and Finish

These hoods are offered in three basic sizes, in attractive matte metalized (shielded) finish. Well constructed with metal strain relief bar, two screw closure and long knurled thumbscrews.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDRS09HOT	Assembled Hood Kit, DB9 Matte Chrome		1.90	1.75	1.60	1.44	1.29
SDRS15HOT	Assembled Hood Kit, DB15 Matte Chrome		2.00	1.84	1.68	1.52	1.36
SDRS25HOT	Assembled Hood Kit, DB25 Matte Chrome		2.10	1.93	1.76	1.60	1.43

RoHS D-Sub Metal Hood Kits - Choice of Five Grommets to Satisfy all Size Requirements

Cast alloy metal construction with a matte chrome plate finish over tin and copper for the best conductivity. Kit includes a set of five grommets and 4-40 thread mounting screws.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDC9AG	Assembled Hood Kit, DB9 Metal		2.50	2.35	2.20	2.05	1.90
SDC15AG	Assembled Hood Kit, DB15 Metal		3.50	3.29	3.08	2.87	2.66
SDC25AG	Assembled Hood Kit, DB25 Metal		3.75	3.52	3.30	3.08	2.85
SDC37AG	Assembled Hood Kit, DB37 Metal		5.00	4.70	4.40	4.10	3.80
SDC50AG	Assembled Hood Kit, DB50 Metal		5.25	4.93	4.62	4.31	3.99

RoHS 4-40 Thumbscrews for SDC Metal and Plastic D-Sub Hood Kits

Nickel plated steel, knurled, slotted thumbscrews are now available for the entire SDC family of D-Sub hoods. These screws allow the user to secure or remove them either by hand or with a flat blade screwdriver.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
04X44S	SDC Thumbscrew, 4-40 Thread		0.35	0.32	0.29	0.27	0.24

RoHS Right Angle D-Sub Metal Hood Kits - Low Profile with Thumbscrews

Right angle hoods offered for applications requiring a 90 degree cable exit. Cast alloy metal construction with a nickel plated finish for the best conductivity. Kit includes five grommets and 4-40 threaded thumbscrews.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDRA9AG	Right Angle Assembled Hood Kit, DB9 Metal		4.00	3.76	3.52	3.28	3.04
SDRA15AG	Right Angle Assembled Hood Kit, DB15 Metal		4.25	3.99	3.74	3.49	3.23
SDRA25AG	Right Angle Assembled Hood Kit, DB25 Metal		4.50	4.23	3.96	3.69	3.42

RoHS Replacement Grommets for SDC and SDRA Metal Backshells

These grommets are the same as supplied with the SDC and SDRA metal backshell kits. Five different sizes are offered per backshell size to best fit cable diameter used.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
GROM-9&15	Replacement Grommets, SDC & SDRA 9/15 Metal Backshells		0.65	0.60	0.55	0.49	0.44
GROM-25	Replacement Grommets, SDC & SDRA 25 Metal Backshells		0.65	0.60	0.55	0.49	0.44
GROM-37&50	Replacement Grommets, SDC 37/50 Metal Backshells		0.75	0.69	0.63	0.57	0.51

RoHS 4-40 Hex Jack Screws - Difficult to Find Hardware for Mounting D-Sub Connectors

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDG250	Jack Screw Kit, .25 inch (0.6cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG300	Jack Screw Kit, .30 inch (0.8cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG400	Jack Screw Kit, .40 inch (1.0cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG400S	Jack Screw Kit, .40 inch (1.0cm) Thread, .197 inch (0.5cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG400XS	Jack Screw Kit, .40 inch (1.0cm) Thread, .160 inch (0.4cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG450XS	Jack Screw Kit, .45 inch (1.1cm) Thread, .160 inch (0.4cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64
SDG500	Jack Screw Kit, .50 inch (1.3cm) Thread, .232 inch (0.6cm) Screwlock, Pkg/50		14.00	13.16	12.32	11.48	10.64

RoHS Hex Standoff 4-40 Thread - Needed with Hood Kits to Convert Male to Female

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDH	Hex Standoffs, .232 inch (0.6cm) Hex, Pkg/50		8.55	8.04	7.52	7.01	6.50
SDHS	Hex Standoffs, .195 inch (0.5cm) Hex, Pkg/50		8.55	8.04	7.52	7.01	6.50
SDH-160	Hex Standoffs, .160 inch (0.4cm) Hex, Pkg/50		8.55	8.04	7.52	7.01	6.50

RoHS 4-40 Screw and Retainer Pair - For Use on Male D-Sub Connectors with Metal Tabs

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDF1	Screws and Retainers, Chromate, Pkg/50		12.00	11.28	10.56	9.84	9.12

RoHS 4-40 Screw and Guard - Replacement for Cable Connector Hoods Such as SDC Series

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
SDK	Screws and Guards, Nickel Plate, Pkg/50		5.45	5.01	4.58	4.14	3.71

RoHS Stainless Wall Plates - Accept a Variety of D-Sub Connectors

Wall plates that accept common D-Sub connectors are found to be useful by many installers. Wall plates also provide a more organized accommodation for your day-to-day cabling needs. Stainless steel gives a commercial appearance that is sometimes more acceptable in today's business office environment. The variety we offer fills most installation needs.

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
WPD109	Stainless Wall Plate, One DB9 / HD15 Opening		2.60	2.44	2.29	2.13	1.98
WPD115	Stainless Wall Plate, One DB15 / HD26 Opening		2.60	2.44	2.29	2.13	1.98
WPD125	Stainless Wall Plate, One DB25 / HD44 Opening		2.60	2.44	2.29	2.13	1.98

Transfer Switch Boxes Add Flexibility to Use of Computers and Peripherals

These manual switch boxes are economical in price and great for simple switching of commonly used data line types. Metal boxes are utilized for all models and all connector pins are fully populated and wired straight through. The switching illustrations shown will help you select which manual switch to use when interfacing your computer and peripherals.

DB9 Transfer Switch Boxes

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
D8-4803	DB9 2 Way Switch Box	A/B	14.95	14.05	13.16	12.26	11.36
D8-4808	DB9 4 Way Switch Box	A/B/C/D	19.95	18.75	17.56	16.36	15.16

High Density 15 Pin Transfer Switch Boxes

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
D8-4828	HD15 2 Way Switch Box	A/B	14.95	14.05	13.16	12.26	11.36
D8-4833	HD15 4 Way Switch Box	A/B/C/D	19.95	18.75	17.56	16.36	15.16

DB15 and DB25 Transfer Switch Boxes

Item #	Description	Switch Type	1-9	10-24	25-99	100-249	250-499
D8-4843/DP15-2	DB15 2 Way Switch Box	A/B	24.95	24.45	23.95	23.45	22.95
D8-4853	DB25 2 Way Switch Box	A/B	17.95	17.59	17.23	16.87	16.51
D8-4858	DB25 3 Way Switch Box	A/B/C	19.95	18.75	17.56	16.36	15.16
D8-4873	DB25 4 Way Switch Box	A/B/C/D	24.95	23.45	21.96	20.46	18.96

Certifications

A complete company documentation package is available for download. L-com.com/Profile

Heavy Duty Cable Cutter - Cuts Copper Multiconductor Cable Clean

This heavy duty cable cutter is ideal for performing clean cuts of multiconductor cable. It offers steel construction and high leverage-extra sharp shears. The HTC60 measures 9.5" (24.1cm) in length and can cut copper multiconductor cabling up to 3/4" (1.9cm) diameter. Comfortable to use plastic dipped handles.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HTC60	Cable Cutter - to 3/4 inch (1.9cm) diameter	19.95	19.55	19.15	18.75	18.35

Wire Stripper and Shear - Up to 20 AWG Conductors

The HTC2030 is similar in design to the HTC1620 except it has 6 circular notches for stripping 20-30 AWG wires. The tool also has a small shearing surface for cutting wires. Spring loaded design returns blades to open after use, locking mechanism keeps blades closed when not in use. Steel construction, plastic coated handles.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HTC2030	Wire Stripper and Shear	10.95	10.73	10.51	10.29	10.07

Rotary Cable Stripper - Cuts Cable Jackets

These tools offer an economical and consistent cable jacket strip every time. Featuring easy to adjust cutting depth, these tools strip both around the cable perimeter and lengthwise. RCS10 strips cable jackets ranging from 0.125" (0.3cm) to 1.0" (2.5cm). MK02 strips cable jackets ranging from 0.18" (0.5cm) to 1.12" (2.8cm). Choose RCS10 for light duty use and MK02 for heavier duty use.

Item #	Description	1-9	10-24	25-99	100-249	250-499
MK02	Round Cable Stripper	29.95	29.35	28.75	28.15	27.55

✓RoHS Cable Ties - 4 Sizes in Packs of 100 Pieces

Cable ties come in handy to secure cable assemblies in different applications. Four different sizes, in packages of 100 pieces each. Color is Black.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTB-05	6 inch (20.3cm) Cable Ties, Pkg/100	6.95	6.53	6.12	5.70	CALL
CTB-07	8 inch (15.2cm) Cable Ties, Pkg/100	7.95	7.47	7.00	6.52	CALL
CTB-09	8.5 inch (21.6cm) Cable Ties, Pkg/100	8.95	8.41	7.88	7.34	CALL
CTB-12	11.5 inch (29.2cm) Cable Ties, Pkg/100	9.95	9.35	8.76	8.16	CALL

✓RoHS Cable Tie Mounts - 0.75" (1.9cm) and 1.50" (3.8cm) Sizes, Pkg/10

Cable tie mounts allow the user to secure wire and/or cable quickly and easily to a surface. Mounts can be secured with screws or adhesive. Material is UL94V-2 rated nylon, color is Black.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTM-0.75	Black Calbe Tie Mount, 0.75" (1.9cm), Pkg/10	3.75	3.45	3.15	2.85	2.55
CTM-1.5	Black Calbe Tie Mount, 1.50" (3.8cm), Pkg/10	7.25	6.67	6.09	5.51	4.93

✓RoHS Spiral Wrap Tubing - Pkg/100ft (30.5m), Polyethylene Material

Polyethylene spiral wrap tubing is ideal for wire harnessing and cable bundling. Spiral wrap secures itself tightly to wire and cable being bundled, is extremely flexible, abrasion resistant and allows for easy breakouts. Available in .125" (0.3cm), .25" (0.6cm) and .5" (1.3cm) diameters, color is Clear.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TUBSWT-0.125	Spiral Wrap Tubing, .125" (0.3cm) Diameter, 100ft (30.5m)	18.50	18.13	17.76	17.39	17.02
TUBSWT-0.25	Spiral Wrap Tubing, .25" (0.6cm) Diameter, 100ft (30.5m)	29.50	28.91	28.32	27.73	27.14
TUBSWT-0.5	Spiral Wrap Tubing, .5" (1.3cm) Diameter, 100ft (30.5m)	52.50	51.45	50.40	49.35	48.30

✓RoHS Expandable Sleeving - Pkg/100ft (30.5m), Polyester Material with VW-1 Flammability Rating

Polyester expandable flexible tubing is ideal for protecting wire and/or cable. The open weave design allows for flexible routing, high resistance to abrasion and broad range of expansion. Available in .125" (0.3cm), .25" (0.6cm) and .5" (1.3cm) diameters, color is Black with White tracer.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TUBEXP-0.125	Expandable Braid Sleeving, .125" (0.3cm) Diameter, 100ft (30.5m)	19.50	17.94	16.38	14.82	13.26
TUBEXP-0.25	Expandable Braid Sleeving, .25" (0.6cm) Diameter, 100ft (30.5m)	24.50	22.54	20.58	18.62	16.66
TUBEXP-0.5	Expandable Braid Sleeving, .5" (1.3cm) Diameter, 100ft (30.5m)	33.50	30.82	28.14	25.46	22.78

✓RoHS Cable Labels - Wraparound Style, 3 Sizes to Choose From

We've had multiple requests for wraparound style write on labels to use for cable identification. They are now available, packaged in 30 pieces per package for the occasional user versus 1000 piece packs found elsewhere. Just write or type on the white part of the label, then wrap the clear part over to prevent smudging. There are three sizes to choose from: CL0515 up to 0.275 inch (0.7cm) diameter, CL1150 up to 0.275 inch diameter and CL1375 up to 1.0 inch (2.5cm) diameter.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CL0515	0.5in (1.3cm) x 1.5in (3.8cm) Wraparound Cable Label, Pkg/30	5.95	5.83	5.71	5.59	5.47
CL1150	1.0in (2.5cm) x 1.5in (3.8cm) Wraparound Cable Label, Pkg/30	7.95	7.79	7.63	7.47	7.31
CL1375	1.0in (2.5cm) x 3.75in (9.5cm) Wraparound Cable Label, Pkg/30	5.95	5.83	5.71	5.59	5.47

✓RoHS Split Loom Tubing - Pkg/100ft (30.5m), Nylon Material

Nylon split loom tubing is ideal for automotive and industrial wire harnesses as well as marine wire protection. Split tubing allows for easy breakouts and is resistant to abrasion, gasoline, oil and other chemicals. Available in .25" (0.6cm), .5" (1.3cm) and 1" (2.5cm) diameters, color is Black.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TUBSPLT-0.25	Split Loom Tubing, .25" (0.6cm) Diameter, 100ft (30.5m)	29.50	28.91	28.32	27.73	27.14
TUBSPLT-0.5	Split Loom Tubing, .5" (1.3cm) Diameter, 100ft (30.5m)	45.50	44.59	43.68	42.77	41.86
TUBSPLT-1.0	Split Loom Tubing, 1.0" (2.5cm) Diameter, 100ft (30.5m)	55.50	54.39	53.28	52.17	51.06

3M Heat Shrink Tubing Kits

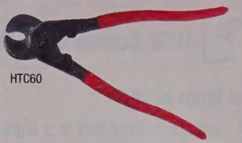
3M's popular kits are versatile assortments of flexible polyolefin heat shrink tubing used in a variety of electronic and electrical applications. Each kit is packaged in a plastic box. These kits allow the engineer, designer or technician a selection of popular sizes and colors for small projects and prototypes. The black kit contains 102 pieces of six inch long tubing in six sizes ranging from 3/16 (.05cm) to 1 inch (2.5cm) inside diameter. The color kit contains 133 pieces of six inch long tubing in six sizes ranging from 3/32 (0.2cm) to 1/2 inch (1.3cm) inside diameter and seven colors. Shrink ratio is 2:1.

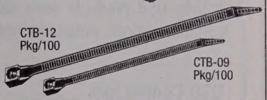
Item #	Description	List Price
SPVFP301-BLK	Heat Shrink Kit, Black Colors	57.95
SPVFP301-ASST	Heat Shrink Kit, Assorted Colors	57.95

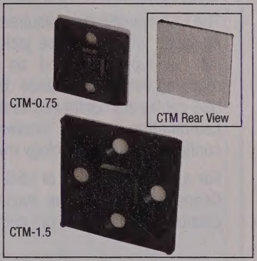
✓RoHS 3M Copper Foil Shielding Tape with Conductive Adhesive

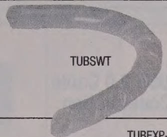
Copper foil shielding tape provides an easy to apply, time saving, cost effective way to shield against EMI/RFI radiation. This tape is conductive through the adhesive and offers mechanical, electrical and thermal values to meet shielding effectiveness frequency requirements. Meets UL 510 flame retardancy requirements. 3/8" (1.0cm) width is ideal for securing cable shields to backshell grommets. See page 93 for complete backshell offering.

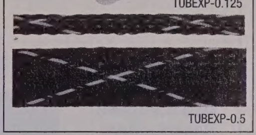
Item #	Description	List Price
TAP1181-3/8	Copper Foil Shielding Tape, 2.6 MIL x 3/8 inch (1.0cm) W x 18 Yards (16.5m)	15.50
TAP1181-3/4	Copper Foil Shielding Tape, 2.6 MIL x 3/4 inch (1.9cm) W x 18 Yards (16.5m)	30.50

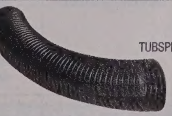


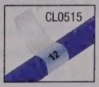




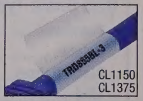




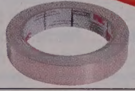




Labels wrap around cable for easy identification.

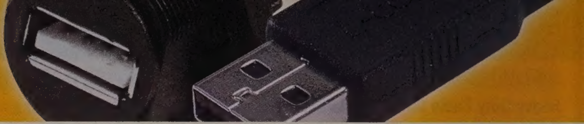


BRADY Label Printers can be found on pg. 257



Tips

Easy-to-understand tips to help with some of today's popular product applications. L-com.com/Tips



USB Connectors Tutorial

What is USB?

Universal Serial Bus is a high speed connectivity standard enabling simple plug and play connections to devices such as printers, digital cameras, camcorders, keyboards and mice. The standard is supported by many leading suppliers of computers and peripherals. An attractive advantage of USB is that the devices are hot pluggable meaning a live connection/disconnection without data loss or interruption. Currently there are two relevant revisions of USB, 2.0 and 3.0. USB 3.0 is an emerging standard that allows large amounts of data or video to be transferred up to 10 times faster than USB 2.0. However, USB 2.0 is still much more common in the marketplace and is expected to remain relevant for applications that do not require large amounts of data to be moved. It is important to note that in order to take advantage of the increased bandwidth USB 3.0 provides all components must be 3.0 compliant – host, cables and peripherals. Otherwise the bandwidth will perform to the lowest rated component.

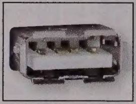
Applications

Initially USB products were used mainly to link computers and their associated peripherals. Today USB is used in nearly every market including communications, entertainment, medical and automotive.

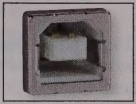
USB Connectors

The USB specification requires a host system to be equipped with an A type jack. The B/mini B type jack is typically found on peripheral devices requiring detachable cables. Therefore, detachable USB cables are configured as an A to B/mini B male combination which prevents improper bus configurations and topology miswiring.

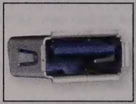
For a complete listing of USB Connectors, see the Connector Chart on the inside back cover of this catalog or online at L-com.com/ConnectorChart



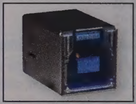
2.0 Type A Jack



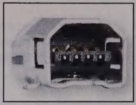
2.0 Type B Jack



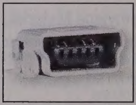
3.0 Type A Jack



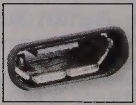
3.0 Type B Jack



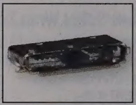
2.0 Mini Type B Jack
(4 position)



2.0 Mini Type B Jack
(5 position)

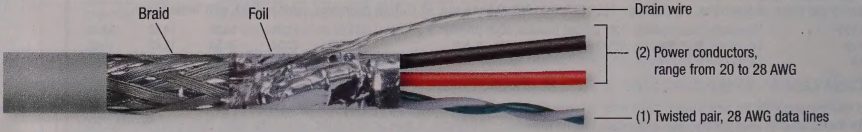


2.0 Micro Type B Jack

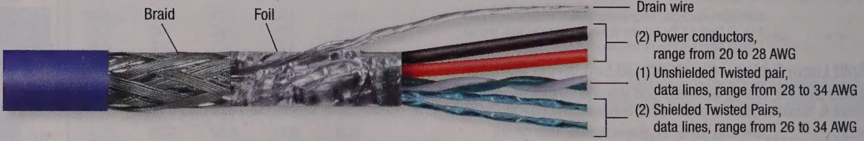


3.0 Micro Type B Jack

USB 2.0 Cable Construction


Braid
Foil
Drain wire
(2) Power conductors, range from 20 to 28 AWG
(1) Twisted pair, 28 AWG data lines

USB 3.0 Cable Construction


Braid
Foil
Drain wire
(2) Power conductors, range from 20 to 28 AWG
(1) Unshielded Twisted pair, data lines, range from 28 to 34 AWG
(2) Shielded Twisted Pairs, data lines, range from 26 to 34 AWG

USB 3.0 adds two shielded data pairs to the USB 2.0 cable specifications. This addition allows for the faster performance in downloading data or video. Similar concept to changing a 2 lane highway to a 6 lane highway - much more traffic can pass through!

USB Cable Types and Features

Premium	20 AWG power leads provide maximum current/power transfer. Light gray color.
Deluxe	26 AWG power leads, industry standard. Gray color.
Black Deluxe	24 AWG power leads. Black color.
Mini	28 AWG power leads. Black color.
Latching A	Provides lock down mating retention with any USB type A jack. See tip on page 107 for details.
LSZH	Low Smoke Zero Halogen material significantly reduces the amount of toxic and corrosive gases emitted during combustion. 20 AWG power leads provide maximum current/power transfer. Black color.
Panel Mount	Efficiently allows cables to be passed through a panel or enclosure. Various styles and options available.
IP67	Water/dust proof connectors provide protection in wet and dirty environments. See tip on page 103 for IP rating detail.
Coil	Retractable polyurethane cord provides longer life and saves space when compared to standard cables.
Rotating/Flex	Ratcheting connector holds cables in place in any position the user prefers. Ideal for travel or any confined space.
USB 3.0	Latest USB revision provides up to 10 times greater bandwidth than revision 2.0.

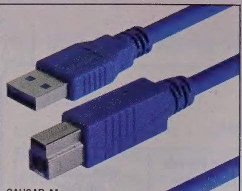
L-com® Global Connectivity

For more useful information go to....
L-com.com/Resources

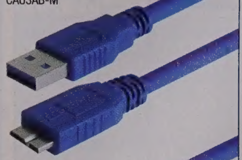
Tip Selecting the right USB cable assembly for your application

L-com takes pride in having a large variety of USB cables. The following matrix is intended to assist you in selecting the right cable for your need.

Connector / Cable Type & Features	USB 2.0 A Male	USB 2.0 Latching A Male	USB 2.0 B Male	USB 2.0 Mini B5 Female	USB 3.0 A Male	5 Position Female 0.100" Header Connector	Wire Leads / Cut End
USB 2.0 A Male	CSUZAA LSZH CSMUAA Premium		CSMUAB Premium ECUSBAB Deluxe CSUZAB LSZH WPUSBAB IP67 & Panel Mount WPUSBABSH IP67 & Panel Mount CAFLEX AM-BM Rotating/Flex CAUBLKAB Black Deluxe				
USB 2.0 A Female	CSMUAX Premium ECF504-xxAAS Panel Mount UPMAA Panel Mount CSMUAXMT-2M Panel Mount WPUSBAX IP67 & Panel Mount WPUSBAXSH IP67 & Panel Mount CAFLEX-AM-AF Rotating/Flex		UPMAB Panel Mount			UPMA5 Panel Mount	ECF504-5M Panel Mount WPUSBAF IP67 & Panel Mount
USB 2.0 Latching A Male		CAUALAL Latching CAUZALAL LSZH Latching	CAUALB Latching A COILUAB Coil CAUZALB LSZH Latching				
USB 2.0 B Male	CSMUAB Premium ECUSBAB Deluxe CSUZAB LSZH WPUSBAB IP67 WPUSBABSH IP67 CAFLEX AM-BM Rotating/Flex CAUBLKAB Black Deluxe	COILUAB Coil CAUALB Latching A	WPUSBBB IP67				
USB 2.0 B Female	WPUSBBA IP67 & Panel Mount UPMBA Panel Mount		UPMBB Panel Mount ECF504-xxBBS Panel Mount			UPMB5 Panel Mount	WPUSBBF IP67 & Panel Mount ECF504-B-5M Panel Mount
USB 2.0 Mini B5 Male	CSMUAMB5 Mini CAFLEX AM-MB5 Rotating/Flex CAFLEX MB5M-AM Rotating/Flex			CSMUMB5X Mini Extension COILMB5EXT Coil WPUSBMB5X IP67 & Panel Mount			
USB 2.0 Mini B4 Male	CSMUAMB4 Mini						
USB 2.0 Micro B Male	CSMUAMICB Mini						
USB 3.0 A Male					CAU3AA USB 3.0		
USB 3.0 A Female					CAU3AX USB 3.0		
USB 3.0 B Male					CAU3AB USB 3.0		
USB 3.0 Micro B Male					CAU3AMICB USB 3.0		

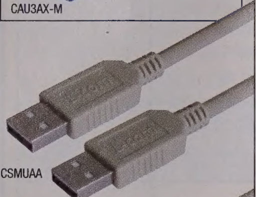


CAU3AB-M



CAU3AMICB-M

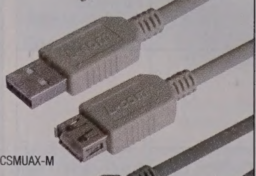
CAU3AX-M



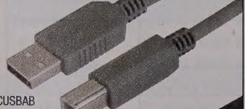
CSMUAA

Best Seller

CSMUAB-M

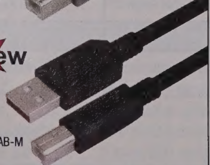


CSMUAX-M



ECUSBAB

New



CAUBLKAB-M

RoHS USB 3.0 Cables - Type A - A Connectors

USB 3.0 cables are up to 10 times faster than USB 2.0 - 4.8 Gbps versus 480 Mbps. The increased bandwidth substantially reduces the time required for transferring large amounts of data or video. For example, an HD movie that would require 14 minutes to download with USB 2.0 devices and cables would take approximately 70 seconds using USB 3.0 equipment. The key change in the cables allowing for more speed is the addition of two data pairs bringing the number of conductors to eight.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAU3AA-05M	USB 3.0 Type A - A Cable, 0.5m	Blue	10.75	9.89	9.03	8.17	7.31
CAU3AA-1M	USB 3.0 Type A - A Cable, 1.0m	Blue	11.50	10.58	9.66	8.74	7.82
CAU3AA-2M	USB 3.0 Type A - A Cable, 2.0m	Blue	13.00	11.96	10.92	9.88	8.84
CAU3AA-3M	USB 3.0 Type A - A Cable, 3.0m	Blue	14.50	13.34	12.18	11.02	9.86
CAU3AA-5M	USB 3.0 Type A - A Cable, 5.0m	Blue	17.50	16.10	14.70	13.30	11.90

RoHS USB 3.0 Cables - Type A - B Connectors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAU3AB-05M	USB 3.0 Type A - B Cable, 0.5m	Blue	11.25	10.35	9.45	8.55	7.65
CAU3AB-1M	USB 3.0 Type A - B Cable, 1.0m	Blue	12.00	11.04	10.08	9.12	8.16
CAU3AB-2M	USB 3.0 Type A - B Cable, 2.0m	Blue	13.50	12.42	11.34	10.26	9.18
CAU3AB-3M	USB 3.0 Type A - B Cable, 3.0m	Blue	15.00	13.80	12.60	11.40	10.20
CAU3AB-5M	USB 3.0 Type A - B Cable, 5.0m	Blue	18.00	16.56	15.12	13.68	12.24

RoHS USB 3.0 Compliant Cables - Type A - Micro B Connectors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAU3AMICB-05M	USB 3.0 Type A - Micro B Cable, 0.5m	Blue	12.50	11.50	10.50	9.50	8.50
CAU3AMICB-1M	USB 3.0 Type A - Micro B Cable, 1.0m	Blue	13.25	12.19	11.13	10.07	9.01
CAU3AMICB-2M	USB 3.0 Type A - Micro B Cable, 2.0m	Blue	14.75	13.57	12.39	11.21	10.03
CAU3AMICB-3M	USB 3.0 Type A - Micro B Cable, 3.0m	Blue	16.25	14.95	13.65	12.35	11.05
CAU3AMICB-5M	USB 3.0 Type A - Micro B Cable, 5.0m	Blue	19.25	17.71	16.17	14.63	13.09

RoHS USB 3.0 Compliant Extension Cables - Type A Male / Female Connectors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAU3AX-05M	USB 3.0 Type A Male / Female Extension Cable, 0.5m	Blue	11.75	10.81	9.87	8.93	7.99
CAU3AX-1M	USB 3.0 Type A Male / Female Extension Cable, 1.0m	Blue	12.50	11.50	10.50	9.50	8.50
CAU3AX-2M	USB 3.0 Type A Male / Female Extension Cable, 2.0m	Blue	14.00	12.88	11.76	10.64	9.52
CAU3AX-3M	USB 3.0 Type A Male / Female Extension Cable, 3.0m	Blue	15.50	14.26	13.02	11.78	10.54

RoHS Premium USB 2.0 Cables - Type A - A Connectors, PVC Jacket, 30 Microinches Gold, 20 AWG Power Leads

Premium USB 2.0 cables contain 20 AWG power wires for maximum power transfer.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAA-05M	Premium USB Type A - A Cable, 0.5m	Lt. Gray	7.95	7.31	6.68	6.04	5.41
CSMUAA-1M	Premium USB Type A - A Cable, 1.0m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
CSMUAA-2M	Premium USB Type A - A Cable, 2.0m	Lt. Gray	9.45	8.69	7.94	7.18	6.43
CSMUAA-3M	Premium USB Type A - A Cable, 3.0m	Lt. Gray	10.45	9.61	8.78	7.94	7.11
CSMUAA-4M	Premium USB Type A - A Cable, 4.0m	Lt. Gray	11.95	10.99	10.04	9.08	8.13
CSMUAA-5M	Premium USB Type A - A Cable, 5.0m	Lt. Gray	12.45	11.45	10.46	9.46	8.47

RoHS Premium USB 2.0 Cables - Type A - B Connectors, PVC Jacket, 30 Microinches Gold, 20 AWG Power Leads

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAB-05M	Premium USB Type A - B Cable, 0.5m	Lt. Gray	6.95	6.39	5.84	5.28	4.73
CSMUAB-1M	Premium USB Type A - B Cable, 1.0m	Lt. Gray	7.45	6.85	6.26	5.66	5.07
CSMUAB-2M	Premium USB Type A - B Cable, 2.0m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
CSMUAB-3M	Premium USB Type A - B Cable, 3.0m	Lt. Gray	9.45	8.69	7.94	7.18	6.43
CSMUAB-4M	Premium USB Type A - B Cable, 4.0m	Lt. Gray	10.45	9.61	8.78	7.94	7.11
CSMUAB-5M	Premium USB Type A - B Cable, 5.0m	Lt. Gray	11.45	10.53	9.62	8.70	7.79

RoHS Premium USB 2.0 Ext. Cables - Type A Connectors, PVC Jacket, 30 Microinches Gold, 20 AWG Power Leads

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAX-1M	Premium USB Type A Male / Female Extension Cable, 1.0m	Lt. Gray	7.95	7.63	7.31	6.76	5.96
CSMUAX-2M	Premium USB Type A Male / Female Extension Cable, 2.0m	Lt. Gray	8.95	8.59	8.23	7.61	6.71
CSMUAX-3M	Premium USB Type A Male / Female Extension Cable, 3.0m	Lt. Gray	9.95	9.55	9.15	8.46	7.46

RoHS Deluxe USB 2.0 Cables - Type A - B Connectors, 30 Microinches Gold, 26 AWG Power Leads

L-com's standard USB cable offering, the ECUSB series, provides high performance at competitive prices. These quality constructed cables feature USB 2.0 Compliant 26 AWG power leads and are finished in an attractive medium gray color. Each cable is functionally tested to ensure the highest level of quality and performance. These cables allow for transfer rates up to 480 Mbps and can be used with simple Plug and Play connections for devices such as printers, keyboards/mice, digital cameras and other USB peripherals.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECUSBAB-05M	Deluxe USB Type A - B Cable, 0.5m	Gray	4.35	3.91	3.48	3.04	2.61
ECUSBAB-1M	Deluxe USB Type A - B Cable, 1.0m	Gray	4.75	4.28	3.80	3.32	2.85
ECUSBAB-2M	Deluxe USB Type A - B Cable, 2.0m	Gray	5.55	5.00	4.44	3.88	3.33
ECUSBAB-3M	Deluxe USB Type A - B Cable, 3.0m	Gray	6.35	5.71	5.08	4.44	3.81
ECUSBAB-4M	Deluxe USB Type A - B Cable, 4.0m	Gray	7.15	6.44	5.72	5.00	4.29
ECUSBAB-5M	Deluxe USB Type A - B Cable, 5.0m	Gray	7.95	7.16	6.36	5.56	4.77

RoHS Premium USB 2.0 Cables – Type A-B Connectors, Black, 30 Microinches Gold, 24 AWG Power Leads

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAUBLKAB-05M	Premium USB Type A - B Cable, 0.5m	Black	5.20	4.68	4.16	3.64	3.12
CAUBLKAB-1M	Premium USB Type A - B Cable, 1.0m	Black	5.65	5.09	4.52	3.96	3.39
CAUBLKAB-2M	Premium USB Type A - B Cable, 2.0m	Black	6.55	5.89	5.24	4.59	3.93
CAUBLKAB-3M	Premium USB Type A - B Cable, 3.0m	Black	7.45	6.71	5.96	5.21	4.47
CAUBLKAB-4M	Premium USB Type A - B Cable, 4.0m	Black	8.35	7.51	6.68	5.84	5.01
CAUBLKAB-5M	Premium USB Type A - B Cable, 5.0m	Black	9.25	8.33	7.40	6.47	5.55

> "I've been doing business with you for over 5 years. You're always very professional; provide excellent products, lowest prices, and prompt service. You sell the largest line of wireless products that I've seen." - Ron Grigg, Dlux Information Systems

✓RoHS Low Smoke Zero Halogen USB Cable - Type A - B & A - A Connectors, 30 Microinches Gold

Low Smoke Zero Halogen cable reduces the amount of toxic and corrosive gases emitted during combustion. Typically used in poorly ventilated areas, Low Smoke Zero Halogen is becoming very popular where the protection of people and equipment from toxic and corrosive gases is critical.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSUZAA-05M	LSZH USB Type A - A Cable, 0.5m	Black	12.95	11.91	10.88	9.84	8.81
CSUZAA-1M	LSZH USB Type A - A Cable, 1.0m	Black	14.45	13.29	12.14	10.98	9.83
CSUZAA-2M	LSZH USB Type A - A Cable, 2.0m	Black	17.45	16.05	14.66	13.26	11.87
CSUZAA-3M	LSZH USB Type A - A Cable, 3.0m	Black	20.45	18.81	17.18	15.54	13.91
CSUZAA-5M	LSZH USB Type A - A Cable, 5.0m	Black	26.45	24.33	22.22	20.10	17.99
CSUZAB-05M	LSZH USB Type A - B Cable, 0.5m	Black	12.95	11.91	10.88	9.84	8.81
CSUZAB-1M	LSZH USB Type A - B Cable, 1.0m	Black	14.45	13.29	12.14	10.98	9.83
CSUZAB-2M	LSZH USB Type A - B Cable, 2.0m	Black	17.45	16.05	14.66	13.26	11.87
CSUZAB-3M	LSZH USB Type A - B Cable, 3.0m	Black	20.45	18.81	17.18	15.54	13.91
CSUZAB-5M	LSZH USB Type A - B Cable, 5.0m	Black	26.45	24.33	22.22	20.10	17.99

✓RoHS Premium USB Cable - Type A - Micro B 5 Position, PVC Jacket, 30 Microinches Gold

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAMICB-05M	Premium USB Type A - Micro B 5 Position Cable, 0.5m	Black	7.60	6.84	6.08	5.32	4.56
CSMUAMICB-1M	Premium USB Type A - Micro B 5 Position Cable, 1.0m	Black	8.15	7.34	6.52	5.71	4.89
CSMUAMICB-2M	Premium USB Type A - Micro B 5 Position Cable, 2.0m	Black	9.30	8.37	7.44	6.51	5.58
CSMUAMICB-3M	Premium USB Type A - Micro B 5 Position Cable, 3.0m	Black	10.45	9.40	8.36	7.31	6.27

✓RoHS Premium USB Cable - Type A - Mini B 4 Position, PVC Jacket, 30 Microinches Gold

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAMB4-1M	Premium USB Type A - Mini B 4 Position Cable, 1.0m	Black	8.15	7.34	6.52	5.71	4.89
CSMUAMB4-2M	Premium USB Type A - Mini B 4 Position Cable, 2.0m	Black	9.30	8.37	7.44	6.51	5.58
CSMUAMB4-3M	Premium USB Type A - Mini B 4 Position Cable, 3.0m	Black	10.45	9.40	8.36	7.31	6.27

✓RoHS Premium USB Cable - Type A - Mini B 5 Position, PVC Jacket, 30 Microinches Gold

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAMB5-1M	Premium USB Type A - Mini B 5 Position Cable, 1.0m	Black	8.15	7.34	6.52	5.71	4.89
CSMUAMB5-2M	Premium USB Type A - Mini B 5 Position Cable, 2.0m	Black	9.30	8.37	7.44	6.51	5.58
CSMUAMB5-3M	Premium USB Type A - Mini B 5 Position Cable, 3.0m	Black	10.45	9.40	8.36	7.31	6.27

✓RoHS Premium USB Extension Cable - Mini B 5 Position Male/Female

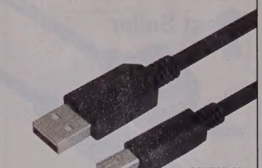
L-com's CSMUMB5X series cables are designed to connect devices such as GPS units and other USB Mini B 5 position peripherals. All 5 mini B positions are connected to insure proper functionality in every application. We offer these Mini B5 extension cables in off the shelf lengths of 1, 2, and 3 meters. These cables feature foil plus braid shielding to provide maximum protection against EMI/RFI.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUMB5X-1M	Premium USB Mini B 5 Position Cable, Male / Female, 1.0m	Black	8.65	7.79	6.92	6.05	5.19
CSMUMB5X-2M	Premium USB Mini B 5 Position Cable, Male / Female, 2.0m	Black	9.80	8.82	7.84	6.86	5.88
CSMUMB5X-3M	Premium USB Mini B 5 Position Cable, Male / Female, 3.0m	Black	10.95	9.86	8.76	7.66	6.57

✓RoHS Variable Length USB Coil Cable - Mini B 5 Position Male/Female

This innovative USB coil cable from L-com features a retracted length 0.5 meters and an expanded length of two meters and can be used with GPS systems as well as cameras and other peripherals using the USB Mini B5 interface. All 5 mini B positions are connected to insure proper functionality in every application. The tough, durable polyurethane jacket enhances recoil memory and 30 microinch gold plated contacts provide reliable connections with repeated mating cycles. Order online today!

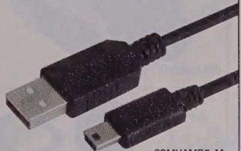
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
COILMB5EXT-2M	USB Coil Cable - Mini B 5 Position Male / Female, 0.5m to 2.0m	Black	11.50	10.58	9.66	8.74	7.82


CSUZAB-M

New

CSMUAMICB-M

CSMUAMB4-M


CSMUAMB5-M

CSMUMB5X-M

COILMB5EXT-2M

Tip Waterproof Connectors - Where are they used and how are they rated?

Where are they used?

Applications for these connectors are numerous and include automotive, communication, industrial and medical instruments. Dust and moisture are the two most common contaminants that enter through exposed data ports, damaging or destroying electronic equipment. Fortunately, specially sealed cables and connectors are available from L-com to protect these ports from dust and moisture.

L-com offers a number of protected interface types including:

D-subminiature for many serial and parallel devices

RJ45 for industrial Ethernet applications

WJP Series

USB for device interconnection and data transfer

WPUSB Series

Fiber Optic for industrial networks/harsh environments

FODLC-IND Series

How are they rated?

The most popular system to rate the environmental protection of a particular connector is the Ingress Protection Rating (commonly known as IP Rating). The IP Rating is a number ranging from 1 to 3 digits.

- The first digit rates protection against ingress of solid objects
- The second digit rates protection against ingress of liquids
- The third digit rates protection against impact damage

Note: Many products, including L-com products, are not rated for impact. Larger value digits indicate greater protection against that substance/force.

Please see the chart below for details of the first two digit ratings:

First number (Protection against solid objects)	Definition	Second number (Protection against liquids)	Definition
0	No protection	0	No protection
1	Protected against solid objects over 50mm (e.g. accidental touch by hands)	1	Protected against vertically falling drops of water
2	Protected against solid objects over 12mm (e.g. fingers)	2	Protected against direct sprays up to 15° from the vertical
3	Protected against solid objects over 2.5mm (e.g. tools and wires)	3	Protected against direct sprays up to 60° from the vertical
4	Protected against solid objects over 1 mm (e.g. tools, wires and small wires)	4	Protected against sprays from all directions - limited ingress permitted
5	Protected against dust - limited ingress (no harmful deposit)	5	Protected against low pressure jets of water from all directions - limited ingress permitted
6	Totally protected against dust	6	Protected against strong jets of water, e.g. for use on ship decks - limited ingress permitted
		7	Protected against the effects of temporary immersion between 15cm and 1m. Duration of test 30 minutes
		8	Protected against long periods of immersion under pressure

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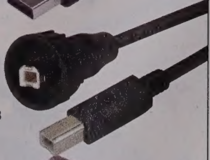
L-com® Global Connectivity

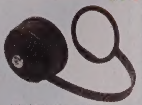
Best Seller

WPUSBAX


WPUSBBB

WPUSBAF

WPUSB-CVR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WPNUT-13/16-28

WPGASKET-13/16

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New

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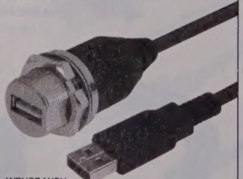
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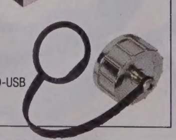

WPCVR-SHLD-USB

RoHS Waterproof USB Cable Assemblies - IEC IP67 Rated, Revision 2.0 Compliant

Standard USB connectors are not intended to withstand contaminants such as water and dust. Our Waterproof USB cable assemblies utilize rugged, molded or metal outer shells and a threaded coupling with an O-ring seal and are IEC IP67 rated. Assemblies are offered in a variety of lengths and connector options. All feature revision 2.0 compliant fully shielded cable and threaded couplings. Color is Black.

RoHS Waterproof USB Cable Assemblies - Panel Mount Type A Male - Standard Type B Male

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBAB-2M	USB Cable, Waterproof Type A Male / Standard Type B Male, 2.0m	19.00	18.62	17.86	16.72	14.25
WPUSBAB-5M	USB Cable, Waterproof Type A Male / Standard Type B Male, 5.0m	22.00	21.56	20.68	19.36	16.50

RoHS Waterproof USB Cable Assemblies - Panel Mount Type A Female - Standard Type A Male

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBAX-05M	USB Cable, Waterproof Panel Mt. Type A Female / Standard Type A Male, 0.5m	17.50	17.15	16.45	15.40	13.13
WPUSBAX-1M	USB Cable, Waterproof Panel Mt. Type A Female / Standard Type A Male, 1.0m	18.00	17.64	16.92	15.84	13.50
WPUSBAX-2M	USB Cable, Waterproof Panel Mt. Type A Female / Standard Type A Male, 2.0m	19.00	18.62	17.86	16.72	14.25
WPUSBAX-3M	USB Cable, Waterproof Panel Mt. Type A Female / Standard Type A Male, 3.0m	20.00	19.60	18.80	17.60	15.00
WPUSBAX-5M	USB Cable, Waterproof Panel Mt. Type A Female / Standard Type A Male, 5.0m	22.00	21.56	20.68	19.36	16.50

RoHS Waterproof USB Cable Assemblies - Panel Mount Type B Female - Standard Type A Male

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBBA-05M	USB Cable, Waterproof Panel Mt. Type B Female / Standard Type A Male, 0.5m	17.50	17.15	16.45	15.40	13.13
WPUSBBA-1M	USB Cable, Waterproof Panel Mt. Type B Female / Standard Type A Male, 1.0m	18.00	17.64	16.92	15.84	13.50
WPUSBBA-2M	USB Cable, Waterproof Panel Mt. Type B Female / Standard Type A Male, 2.0m	19.00	18.62	17.86	16.72	14.25
WPUSBBA-3M	USB Cable, Waterproof Panel Mt. Type B Female / Standard Type A Male, 3.0m	20.00	19.60	18.80	17.60	15.00
WPUSBBA-5M	USB Cable, Waterproof Panel Mt. Type B Female / Standard Type A Male, 5.0m	22.00	21.56	20.68	19.36	16.50

RoHS Waterproof USB Cable Assemblies - Panel Mount Type B Male - Standard Type B Male

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBBB-2M	USB Cable, Waterproof Panel Mt. Type B Male / Standard Type B Male, 2.0m	19.00	18.62	17.86	16.72	14.25
WPUSBBB-5M	USB Cable, Waterproof Panel Mt. Type B Male / Standard Type B Male, 5.0m	22.00	21.56	20.68	19.36	16.50

RoHS Waterproof USB Jacks with 10" Wire Leads - Type A and Type B Available

These cables are ideal for enclosures or panels that are exposed to harsh environments. Wire leads are 24 AWG and can easily be soldered into a PCB or terminated with a variety of connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBAF	USB Jack, Waterproof Type A with 10" (25.4cm) Wire Leads	15.00	14.10	13.20	12.30	11.40
WPUSBBF	USB Jack, Waterproof Type B with 10" (25.4cm) Wire Leads	15.00	14.10	13.20	12.30	11.40

RoHS Non-Shielded USB Covers and Replacement Nuts/Gaskets

Protect unused IP67 ports with waterproof covers. Choose among two lanyard styles - chain or rubber. L-com also offers easy to install replacement gaskets and nuts for its popular IP67 rated USB and Firewire cable assemblies. The covers, nuts and gaskets are compatible with WPUSBAX, WPUSBBA, WPUSBBF, WPUSBAF and WP946PMF product families.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSB-CVR	Waterproof USB/Firewire Cover with Metal Lanyard	4.35	4.09	3.83	3.57	3.31
WPCVR-USB-1394	Waterproof USB/Firewire Cover with Rubber Lanyard	4.35	4.09	3.83	3.57	3.31
WPNUT-13/16-28	USB Replacement Hex Nut	5.25	4.83	4.41	3.99	3.57
WPGASKET-13/16	USB Replacement Rubber Gasket	2.25	2.07	1.89	1.71	1.53

RoHS Waterproof USB Cable, Mini B 5 Female - Mini B 5 Male

L-com's exclusive Waterproof USB Mini B 5 position cable assemblies are designed for the most demanding industrial applications where dust and moisture are present.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBMB5X-05M	Waterproof USB Cable, Mini B 5 Female / Mini B 5 Male, 0.5m	18.50	18.13	17.39	16.28	13.88
WPUSBMB5X-2M	Waterproof USB Cable, Mini B 5 Female / Mini B 5 Male, 2.0m	20.00	19.60	18.80	17.60	15.00
WPUSBMB5X-5M	Waterproof USB Cable, Mini B 5 Female / Mini B 5 Male, 5.0m	23.00	22.54	21.62	20.24	17.25

RoHS Waterproof Cover for WPUSBMB5X Series

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBMINI-CVR	USB Cover for WPUSBMB5X Series Cables	4.65	4.37	4.09	3.81	3.53

RoHS Waterproof USB Field Installable Connectors - Revision 2.0 Compliant, IP67 Rated

Available in type A or B styles, these connectors are a perfect complement to our popular IP67 USB cable assemblies. Solder connectors and a sealing nut that conforms to any USB cable diameter allows the user to make their own water/dust proof cable assemblies. In addition, these connectors are panel mountable and mate with our male IP67 cable assemblies as well as our IP67 covers. L-com will manufacture custom cable assemblies using these connectors with short lead times and low minimum quantity requirements.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBCN-A-2.0	Waterproof Panel Mount USB 2.0 Type A Connector, Female	11.50	10.81	10.12	9.43	8.74
WPUSBCN-B-2.0	Waterproof Panel Mount USB 2.0 Type B Connector, Female	11.50	10.81	10.12	9.43	8.74

RoHS USB Cable, Shielded Waterproof Panel Mount Type A Female - Standard Type A Male

Fully shielded versions of our popular IP67 rated USB cables are now available. These cables feature a die cast steel panel mountable female USB A connector and a standard male USB A connector. The steel housing allows for efficient grounding to a panel or enclosure. Mates with shielded male IP67 rated cable series WPUSBABSH or cover and seal with part number WPCVR-SHLD-USB.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBAXSH-05M	USB Cable, Shld. Waterproof Panel Mnt. Type A Female / Std. Type A Male, 0.5m	34.00	32.64	31.28	29.92	28.56
WPUSBAXSH-1M	USB Cable, Shld. Waterproof Panel Mnt. Type A Female / Std. Type A Male, 1.0m	34.50	33.12	31.74	30.36	28.98
WPUSBAXSH-2M	USB Cable, Shld. Waterproof Panel Mnt. Type A Female / Std. Type A Male, 2.0m	35.50	34.08	32.66	31.24	29.82
WPUSBAXSH-3M	USB Cable, Shld. Waterproof Panel Mnt. Type A Female / Std. Type A Male, 3.0m	36.50	35.04	33.58	32.12	30.66
WPUSBAXSH-5M	USB Cable, Shld. Waterproof Panel Mnt. Type A Female / Std. Type A Male, 5.0m	38.50	36.96	35.42	33.88	32.34

RoHS USB Cable, Shielded Waterproof Type A Male - Standard Type B Male

These cables feature a male USB A connector with a metal coupling nut and a standard male USB B connector. The type A connector is designed to mate with our WPUSBAXSH cable series to provide a completely shielded IP67 solution.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPUSBABSH-05M	USB Cable, Shielded Waterproof Type A Male / Standard Type B Male, 0.5m	29.00	27.26	25.52	23.78	22.04
WPUSBABSH-2M	USB Cable, Shielded Waterproof Type A Male / Standard Type B Male, 2.0m	30.50	28.67	26.84	25.01	23.18
WPUSBABSH-5M	USB Cable, Shielded Waterproof Type A Male / Standard Type B Male, 5.0m	33.50	31.49	29.48	27.47	25.46

RoHS Shielded Waterproof Cap for WPUSBAX Series

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPCVR-SHLD-USB	Shielded Waterproof Cap for WPUSBAX Series	6.50	5.98	5.46	4.94	4.42

"I am very pleased with your website. Checking out is very easy and when I log back in I can see my past orders. Everything is easily accessible. Also, I love that I am able to see tracking numbers once they are shipped! Thanks again!" - Melissa O'Beirne, BRG Precision Products

RoHS USB Type A Female Panel Mount to Type A Male Cable Assembly

These USB 2.0 panel mount cables are perfect for use inside a box or enclosure. The USB female side is flange-style panel mountable with an alternative, smaller body compared to the popular ECF504 series. The molded panel mountable USB construction is rugged and robust, using 20 AWG power conductors and a 28 AWG twisted pair all under a double shield for maximum EMI resistance.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMAA-03M	USB Cable, Type A Female Panel Mount / Type A Male, 0.3m	Lt. Gray	8.25	7.59	6.93	6.27	5.61
UPMAA-05M	USB Cable, Type A Female Panel Mount / Type A Male, 0.5m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
UPMAA-1M	USB Cable, Type A Female Panel Mount / Type A Male, 1.0m	Lt. Gray	8.95	8.23	7.52	6.80	6.09
UPMAA-2M	USB Cable, Type A Female Panel Mount / Type A Male, 2.0m	Lt. Gray	9.95	9.15	8.36	7.56	6.77
UPMAA-3M	USB Cable, Type A Female Panel Mount / Type A Male, 3.0m	Lt. Gray	10.95	10.07	9.20	8.32	7.45
UPMAA-5M	USB Cable, Type A Female Panel Mount / Type A Male, 5.0m	Lt. Gray	12.95	11.91	10.88	9.84	8.81

RoHS USB Type A Female Panel Mount to Type B Male Cable Assembly

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMAB-03M	USB Cable, Type A Female Panel Mount / Type B Male, 0.3m	Lt. Gray	8.25	7.59	6.93	6.27	5.61
UPMAB-05M	USB Cable, Type A Female Panel Mount / Type B Male, 0.5m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
UPMAB-1M	USB Cable, Type A Female Panel Mount / Type B Male, 1.0m	Lt. Gray	8.95	8.23	7.52	6.80	6.09
UPMAB-2M	USB Cable, Type A Female Panel Mount / Type B Male, 2.0m	Lt. Gray	9.95	9.15	8.36	7.56	6.77
UPMAB-4M	USB Cable, Type A Female Panel Mount / Type B Male, 4.0m	Lt. Gray	11.95	10.99	10.04	9.08	8.13
UPMAB-5M	USB Cable, Type A Female Panel Mount / Type B Male, 5.0m	Lt. Gray	12.95	11.91	10.88	9.84	8.81

RoHS USB Type B Female Panel Mount to Type A Male Cable Assembly

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMBA-05M	USB Cable, Type B Female Panel Mount / Type A Male, 0.5m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
UPMBA-2M	USB Cable, Type B Female Panel Mount / Type A Male, 2.0m	Lt. Gray	9.95	9.15	8.36	7.56	6.77
UPMBA-3M	USB Cable, Type B Female Panel Mount / Type A Male, 3.0m	Lt. Gray	10.95	10.07	9.20	8.32	7.45
UPMBA-5M	USB Cable, Type B Female Panel Mount / Type A Male, 5.0m	Lt. Gray	12.95	11.91	10.88	9.84	8.81

RoHS USB Type B Female Panel Mount to Type B Male Cable Assembly

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMBB-05M	USB Cable, Type B Female Panel Mount / Type B Male, 0.5m	Lt. Gray	8.45	7.77	7.10	6.42	5.75
UPMBB-1M	USB Cable, Type B Female Panel Mount / Type B Male, 1.0m	Lt. Gray	8.95	8.23	7.52	6.80	6.09
UPMBB-2M	USB Cable, Type B Female Panel Mount / Type B Male, 2.0m	Lt. Gray	9.95	9.15	8.36	7.56	6.77
UPMBB-4M	USB Cable, Type B Female Panel Mount / Type B Male, 4.0m	Lt. Gray	11.95	10.99	10.04	9.08	8.13
UPMBB-5M	USB Cable, Type B Female Panel Mount / Type B Male, 5.0m	Lt. Gray	12.95	11.91	10.88	9.84	8.81

RoHS USB Type A Female Panel Mount to 5 Pin Female 0.100"/2.54mm Header Connector

Designed to make "board-to-box" USB connections a cinch, this light, flexible USB cable uses a pre-installed 5 pin female housing to a molded flange-mount USB female connector. The cable is double shielded for maximum EMI resistance and the power conductors are 26 AWG.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMA5-05M	USB Cable, Type A Female Panel Mount / 5 Pin Female, 0.5m	Gray	7.35	6.76	6.17	5.59	5.00
UPMA5-1M	USB Cable, Type A Female Panel Mount / 5 Pin Female, 1.0m	Gray	7.75	7.13	6.51	5.89	5.27
UPMA5-2M	USB Cable, Type A Female Panel Mount / 5 Pin Female, 2.0m	Gray	8.55	7.87	7.18	6.50	5.81
UPMA5-3M	USB Cable, Type A Female Panel Mount / 5 Pin Female, 3.0m	Gray	9.35	8.60	7.85	7.11	6.36

RoHS USB Type B Female Panel Mount to 5 Pin Female 0.100"/2.54mm Header Connector

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UPMB5-03M	USB Cable, Type B Female Panel Mount / 5 Pin Female, 0.3m	Gray	7.19	6.61	6.04	5.46	4.89
UPMB5-1M	USB Cable, Type B Female Panel Mount / 5 Pin Female, 1.0m	Gray	7.75	7.13	6.51	5.89	5.27
UPMB5-2M	USB Cable, Type B Female Panel Mount / 5 Pin Female, 2.0m	Gray	8.55	7.87	7.18	6.50	5.81
UPMB5-3M	USB Cable, Type B Female Panel Mount / 5 Pin Female, 3.0m	Gray	9.35	8.60	7.85	7.11	6.36

RoHS USB Type A Female Shielded Panel Mount Coupler to USB Type A Male Connector, 30 Microinches Gold

These options feature a bulkhead Type A jack to a molded Type A plug and USB 2.0 compliant cable. Assemblies are fully shielded and can be used in virtually any panel thickness. Recommended 4-40 mounting screws must be purchased separately.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-12AAS	USB Type A Coupler, Female Bulkhead / Male, 12in (30.5cm)	Silver	9.95	9.75	9.35	8.76	7.46
ECF504-24AAS	USB Type A Coupler, Female Bulkhead / Male, 24in (61.0cm)	Silver	10.35	10.14	9.73	9.11	7.76
ECF504-36AAS	USB Type A Coupler, Female Bulkhead / Male, 36in (91.4cm)	Silver	10.65	10.44	10.01	9.37	7.99
ECF504-72AAS	USB Type A Coupler, Female Bulkhead / Male, 72in (182.9cm)	Silver	11.55	11.32	10.86	10.16	8.66
ECF504-120AAS	USB Type A Coupler, Female Bulkhead / Male, 120in (304.8cm)	Silver	12.75	12.49	11.98	11.22	9.56
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS USB Type B Female Shielded Panel Mount Coupler to USB Type B Male Connector, 30 Microinches Gold

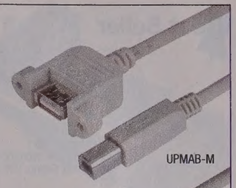
Another unique panel mount USB option features a bulkhead Type B jack to a molded Type B plug attached via USB 2.0 compliant cable. These cables can be directly connected to a mating connector inside an enclosure. These assemblies are fully shielded and use L-com's popular ECF504 style housing that can be used with virtually any panel thickness. The recommended 4-40 mounting screws must be purchased separately (P/N ECF440). Custom lengths available upon request with minimal quantity requirements.

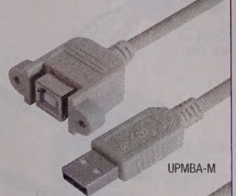
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-12BBS	USB Type B Coupler, Female Bulkhead / Male, 12in (30.5cm)	Silver	9.95	9.75	9.35	8.76	7.46
ECF504-24BBS	USB Type B Coupler, Female Bulkhead / Male, 24in (61.0cm)	Silver	10.35	10.14	9.73	9.11	7.76
ECF504-36BBS	USB Type B Coupler, Female Bulkhead / Male, 36in (91.4cm)	Silver	10.65	10.44	10.01	9.37	7.99
ECF504-72BBS	USB Type B Coupler, Female Bulkhead / Male, 72in (183.0cm)	Silver	11.55	11.32	10.86	10.16	8.66
ECF504-120BBS	USB Type B Coupler, Female Bulkhead / Male, 120in (305.0cm)	Silver	12.75	12.49	11.98	11.22	9.56
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

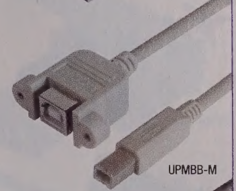
RoHS USB Type A or B Female Panel Mount Coupler to 5 Meter Un-terminated Pigtail Cable

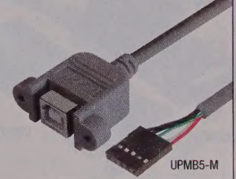
These additions to the popular USB panel mount adapter line allow users the flexibility to configure their own assembly. They feature a shielded bulkhead Type A or B Jack with 5 meters of un-terminated USB 2.0 compliant cable. Users can cut the cable to the desired length and hard wire or terminate it with their connector of choice. L-com can custom terminate these cable ends with modest minimum requirements. Recommended 4-40 mounting screws must be purchased separately.

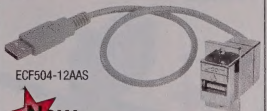
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-5M	USB Type A Female Panel Mount Coupler / 5.0m Cable	Silver	11.95	11.71	11.23	10.52	8.96
ECF504-B-5M	USB Type B Female Panel Mount Coupler / 5.0m Cable	Silver	11.95	11.71	11.23	10.52	8.96
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96


UPMAB-M


UPMBA-M


UPMBB-M


UPMB5-M


ECF504-12AAS

New

ECF504-12BBS

ECF504-5M

New

ECF504-B-5M

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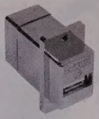
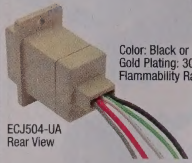
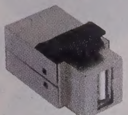
ECF504-UABS





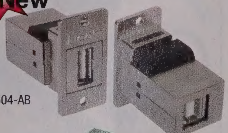
Color: Black or Ivory
Gold Plating: 30 microinches
Flammability Rating: 94V-0

ECJ504-UA
Rear View

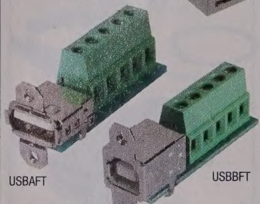


UADKEY-AB

New



ECF504-AB



USBAFT

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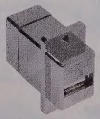


AL-ECF504-AB

RoHS Panel Mounted USB Type Couplers, 30 Microinches Gold

These couplers are great for connecting USB style connectors into panels, etc. Available in many USB connector combinations with your choice of shielded and unshielded versions. Unshielded is available in Black or Ivory, shielded is Silver. Recommended 4-40 mounting screws must be purchased separately.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-UAB	USB Type A - Type B Coupler	Ivory	5.95	5.83	5.59	5.24	4.46
ECF504B-UAB	USB Type A - Type B Coupler	Black	5.95	5.83	5.59	5.24	4.46
ECF504-UABS	USB Type A - Type B Coupler, Shielded	Silver	6.95	6.81	6.53	6.12	5.21
ECF504-UAAS	USB Type A - Type A Coupler, Shielded	Silver	6.95	6.81	6.53	6.12	5.21
ECF504-BAS	USB Type B - Type A Coupler, Shielded	Silver	6.95	6.81	6.53	6.12	5.21
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS USB Type A and B Panel Couplers with 10" Wire Leads, 30 Microinches Gold

Similar to our ECF504 USB coupler except with wire leads in the rear to connect to equipment. Choose from USB Type A or B jacks in Black or Ivory. Wires are 20 AWG (2 power) and 24 AWG (2 signal) stranded wires with an additional drain to shield. Recommended 4-40 mounting screws must be purchased separately.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECJ504-UA	USB Type A Jack, 10" (25.4cm) Leads	Ivory	5.25	5.14	4.93	4.62	3.94
ECJ504-UB	USB Type B Jack, 10" (25.4cm) Leads	Ivory	5.25	5.14	4.93	4.62	3.94
ECJ504B-UA	USB Type A Jack, 10" (25.4cm) Leads	Black	5.25	5.14	4.93	4.62	3.94
ECJ504B-UB	USB Type B Jack, 10" (25.4cm) Leads	Black	5.25	5.14	4.93	4.62	3.94
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100		4.35	4.00	3.65	3.31	2.96

RoHS USB Keystone Feed Through Coupler – Type A/B Connectors, Fully Shielded

Our new shielded USB keystone coupler can be easily installed into typical panels, wall plate openings and enclosures. Connectors are USB A female on the front and USB B female on the back. The stamped metal shell and one piece design provides maximum protection from EMI/RFI. Contact us for aggressive pricing for your larger projects.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UADKEY-AB	USB Keystone Coupler, Type A Female / Type B Female	Silver	8.95	8.23	7.52	6.80	6.09

RoHS Flanged Panel Mounted USB 2.0 Coupler - Type A/B Connectors, Fully Shielded

This unique product combines L-com's fully shielded keystone coupler, UADKEY-AB, with a solid die-cast metal mounting frame allowing for mounting in virtually any panel thickness. 4-40 machine screws are provided.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
ECF504-AB	USB Keystone Flanged Coupler, Type A Female / Type B Female	Silver	9.95	9.15	8.36	7.56	6.77

RoHS USB Type A and B Female Field Termination Connector

The USB field termination female connectors provide an easy and convenient way to perform field termination for USB applications. USB 2.0 standard A and B connector styles are available. Separate connection points are provided for all 4 positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections utilizing no special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable using 4-40 screws provided.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
USBAFT	USB Field Termination Connector, Type A Female		6.25	5.88	5.50	5.13	4.75
USBBFT	USB Field Termination Connector, Type B Female		6.25	5.88	5.50	5.13	4.75

USB Surge/Lightning Protector – Type A/B Connectors, Panel Mountable

The L-com AL-ECF504-AB USB surge protector is a commercial quality device designed to protect a computer's sensitive USB port from surges and spikes from attached devices. To ensure USB 2.0 speeds, the device uses ultra-low capacitance diodes to protect the data lines. In addition, a protection device clamps the power lines to safe levels. It can be mounted on an enclosure, panel mounted or used in-line as a stand alone product.

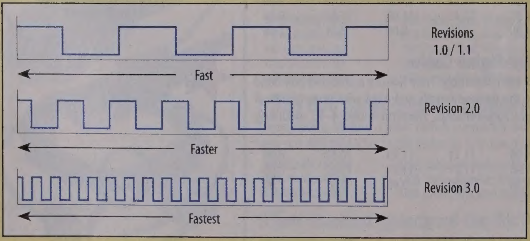
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
AL-ECF504-AB	USB Surge / Lightning Protector, Type A/B	Silver	15.95	14.99	14.04	13.08	12.12

Tip *USB speeds:*

Revisions 1.0 / 1.1 devices operate at 12Mbps maximum. This is adequate for mice, keyboards and some printers but frustratingly slow for large amounts of data or video.

Revision 2.0 devices operate at 480 Mbps maximum. This is plenty fast enough for mice, keyboards and most printers but can still require long periods of time for large amounts of data or video.

New Revision 3.0 devices operate at 4.8 Gbps maximum, approximately 10 times faster than revision 2.0. The increased bandwidth substantially reduces the time required for transferring large amounts of data or video. For example, an HD movie that requires 14 minutes to download with USB 2.0 devices and cables takes approximately 70 seconds using USB 3.0 equipment.



Backward Compatibility:
USB 2.0 and 1.0/1.1 are fully mechanically compatible.

Type A - 3.0, 2.0 and 1.0/1.1 are mechanically compatible. The 3.0 connector adds additional contacts to achieve the higher speeds.
Type B – 2.0 and 1.0/1.1 connectors are compatible with 3.0 ports but not vice versa. This is due to the extended perimeter of the 3.0 connector.
Micro B - 2.0 and 1.0/1.1 connectors are compatible with 3.0 ports but not vice versa. The 3.0 connector adds an extended portion for the extra contacts.

The weakest link in the chain rule applies to USB systems – speed will be limited to the lowest revision host, cable or device in any given system.

See page 100 for USB connector photos.

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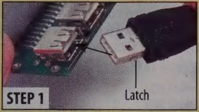
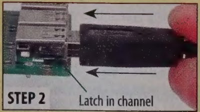
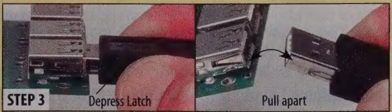
Tip How does the latching USB connector work?



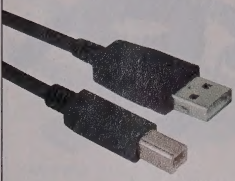
Insert the latching USB connector into the USB jack.



The latches on each side of the connector lock into the channel cut-outs of any USB jack. **Note:** It may be necessary to rock the latching connector slightly to set the latches into the channels.



To remove the latching USB connector, simply depress the release mechanisms on the sides of the backshell and pull apart.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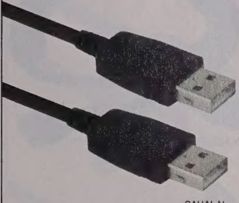
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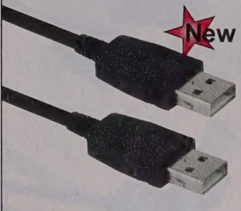
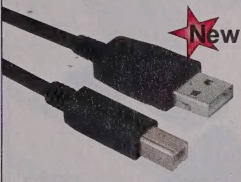


CAUZALAL-M



CAUZALB-M

USB Cable Assemblies with Latching Connectors

These unique cable assemblies feature a latching Type A USB plug which provides lock down mating retention with any USB Type A jack. Two styles are available – latching A to latching A and latching A to standard B. Fully shielded and USB 2.0 compliant, this cable contains two 24 AWG power conductors and one 28 AWG pair for the data lines. Color is black. Please note latching Type B plugs are available as custom products but require a custom Type B jack.

RoHS USB Cable Assemblies with Latching Type A / Standard Type B Connectors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAUALB-05M	USB Cable Assembly, Latching A / Standard B	Black	10.20	9.38	8.57	7.75	6.94
CAUALB-1M	USB Cable Assembly, Latching A / Standard B	Black	10.65	9.80	8.95	8.09	7.24
CAUALB-2M	USB Cable Assembly, Latching A / Standard B	Black	11.55	10.63	9.70	8.78	7.85
CAUALB-3M	USB Cable Assembly, Latching A / Standard B	Black	12.45	11.45	10.46	9.46	8.47
CAUALB-4M	USB Cable Assembly, Latching A / Standard B	Black	13.35	12.28	11.21	10.15	9.08
CAUALB-5M	USB Cable Assembly, Latching A / Standard B	Black	14.25	13.11	11.97	10.83	9.69

RoHS USB Cable Assemblies with Latching Type A Connectors

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAUALAL-05M	USB Cable Assembly, Latching A / Latching A	Black	11.70	10.76	9.83	8.89	7.96
CAUALAL-1M	USB Cable Assembly, Latching A / Latching A	Black	12.15	11.18	10.21	9.23	8.26
CAUALAL-2M	USB Cable Assembly, Latching A / Latching A	Black	13.05	12.01	10.96	9.92	8.87
CAUALAL-3M	USB Cable Assembly, Latching A / Latching A	Black	13.95	12.83	11.72	10.60	9.49
CAUALAL-4M	USB Cable Assembly, Latching A / Latching A	Black	14.85	13.66	12.47	11.29	10.10
CAUALAL-5M	USB Cable Assembly, Latching A / Latching A	Black	15.75	14.49	13.23	11.97	10.71

RoHS LSZH USB 2.0 Cables, Latching Type A / Latching Type A

These Low Smoke Zero Halogen cable assemblies feature two latching Type A USB plugs which provide lock down mating retention with any USB Type A jack. Fully shielded and USB 2.0 compliant, these cables contain two 24 AWG power conductors and one 28 AWG pair for the data lines.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAUZALAL-05M	LSZH USB Latching Type A - Latching Type A Cable, 0.5m	Black	14.00	13.16	12.32	11.48	10.64
CAUZALAL-1M	LSZH USB Latching Type A - Latching Type A Cable, 1.0m	Black	15.25	14.33	13.42	12.51	11.59
CAUZALAL-2M	LSZH USB Latching Type A - Latching Type A Cable, 2.0m	Black	17.75	16.68	15.62	14.56	13.49
CAUZALAL-3M	LSZH USB Latching Type A - Latching Type A Cable, 3.0m	Black	20.25	19.04	17.82	16.61	15.39
CAUZALAL-4M	LSZH USB Latching Type A - Latching Type A Cable, 4.0m	Black	22.75	21.38	20.02	18.66	17.29
CAUZALAL-5M	LSZH USB Latching Type A - Latching Type A Cable, 5.0m	Black	25.25	23.73	22.22	20.71	19.19

RoHS LSZH USB 2.0 Cables, Latching Type A / Standard Type B

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAUZALB-05M	LSZH USB Latching Type A - Latching Type B Cable, 0.5m	Black	12.50	11.75	11.00	10.25	9.50
CAUZALB-1M	LSZH USB Latching Type A - Latching Type B Cable, 1.0m	Black	13.75	12.92	12.10	11.28	10.45
CAUZALB-2M	LSZH USB Latching Type A - Latching Type B Cable, 2.0m	Black	16.25	15.27	14.30	13.33	12.35
CAUZALB-3M	LSZH USB Latching Type A - Latching Type B Cable, 3.0m	Black	18.75	17.63	16.50	15.38	14.25
CAUZALB-4M	LSZH USB Latching Type A - Latching Type B Cable, 4.0m	Black	21.25	19.97	18.70	17.43	16.15
CAUZALB-5M	LSZH USB Latching Type A - Latching Type B Cable, 5.0m	Black	23.75	22.32	20.90	19.48	18.05

RoHS Mountable USB Extension Cable - Type A Connectors, 30 Microinches Gold

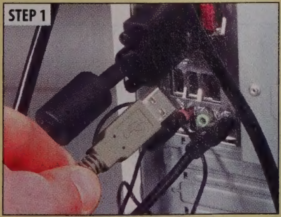
Tired of trying to connect your USB cable to the hard to access port on the back of your PC? Try this convenient cable and make this problem go away! Featuring a USB Type A plug for the PC connection and a unique USB Type A jack, the user can mount this jack to any surface with either screws or double sided foam tape (both are provided). Fully shielded and USB 2.0 compliant, this cable contains two 20 AWG power conductors plus one 28 AWG twisted pair for the data lines and rugged molded backshells. Cable length is 2 meters (6.6 feet).

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSMUAXMT-2M	Premium USB Type A Male / Female Mounting Extension Cable, 2.0m	Lt. Gray	10.50	9.66	8.82	7.98	7.14

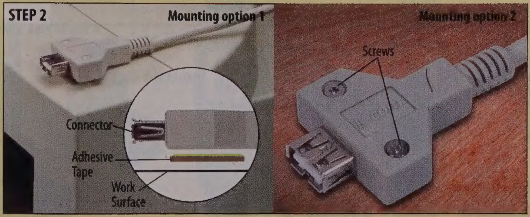
Tip Advantage of using the USB mountable extension cable assembly

Suggested Uses:
- Digital Cameras
- MP3 Players
- External Hard Drives
- Test Environments

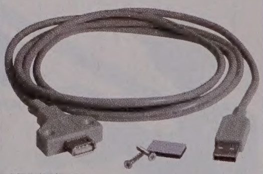
Connecting a cable to the hard to access USB port on your PC can be difficult.



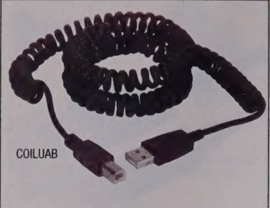
Simply connect the mountable extension cable once to the USB port on the back of your computer.



This cable can be mounted to your PC monitor or any work surface. Choose your preferred mounting option using either the double sided adhesive tape or screws provided. Your USB port is now easy to access.


CSMUAXMT-2M

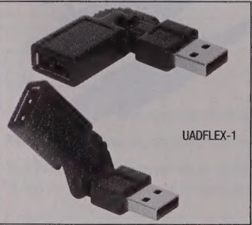
To see our entire product offering
go to...L-com.com


COILUAB

COILMB5EXT-2M

CAFLEX AM-AF

CAFLEX AM-MB5


UADFLEX-1

RoHS USB Coil Cord - Type A Latching Connector to Type B Connector, 10.5 Feet Extended

This unique cable assembly features a polyurethane jacketed coil cord plus a latching Type A USB connector providing improved mating retention with any USB Type A jack. The latches lock into the channels on each side of a USB jack when fully mated. Retracted length is approximately 2.5 feet expanding to 10.5 feet. Fully shielded and USB 2.0 compliant, this cable contains two 28 AWG power conductors plus one 28 AWG twisted pair for data lines.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
COILUAB	USB Coil Cord, Latching Type A Male / Type B Male	Black	16.95	16.27	15.59	14.41	12.71

RoHS Variable Length USB Coil Cable - Mini B 5 Position Male/Female

This innovative USB coil cable from L-com features a retracted length 0.5 meters and an expanded length of two meters and can be used with GPS systems as well as cameras and other peripherals using the USB Mini B5 interface. All 5 mini B positions are connected to insure proper functionality in every application. The tough, durable polyurethane jacket enhances recoil memory and 30 microinch gold plated contacts provide reliable connections with repeated mating cycles. Order online today!

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
COILMB5EXT-2M	USB Coil Cable - Mini B 5 Position Male / Female, 0.5m to 2.0m	Black	11.50	10.58	9.66	8.74	7.82

RoHS Flex USB Cables - USB Connectors Bend, Rotate and Lock Into Place

FlexUSB Cables are the first USB cables with a flexible, ratcheting connector and the smallest profile in the industry. FlexUSB Cables bend, rotate and lock into place, providing versatility in difficult to reach and confined spaces. USB 2.0 compliant!

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAFLEX AM-AF-6	USB Ext. Cable, Rotating USB Type A Male / Std. Type A Fem., 6.0ft (1.8m)	Black	12.99	12.21	11.43	10.65	9.87
CAFLEX AM-BM-6	USB Cable, Rotating USB Type A Male / Std. Type B Male, 6.0ft (1.8m)	Black	12.99	12.21	11.43	10.65	9.87
CAFLEX AM-MB5-6	USB Cable, Rotating USB Type A Male / Std. Mini B5 Male, 6.0ft (1.8m)	Black	12.99	12.21	11.43	10.65	9.87
CAFLEX MB5M-AM-3	USB Cable, Rotating USB Mini B5 Male / Std. Type A Male, 3.0ft (0.9m)	Black	11.99	11.27	10.55	9.83	9.11
CAFLEX MB5M-AM-6	USB Cable, Rotating USB Mini B5 Male / Std. Type A Male, 6.0ft (1.8m)	Black	12.99	12.21	11.43	10.65	9.87

RoHS Flexible USB Adapter, Type A Male/Female

L-com's UADFLEX-1 flexible USB adapter features vertical and horizontal hinges which allow the adapter to rotate in virtually any direction, making it perfect for hard to reach or tight fit applications. This flexible USB adapter is shielded to protect against data corrupting EMI/RFI and utilizes gold plating on all contacts to provide reliable connections with repeated mating cycles.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UADFLEX-1	USB Flexible Adapter, Type A Male / Type A Female	Black	9.99	9.19	8.39	7.59	6.79

RoHS USB 2.0 and 3.0 Adapters - Molded and Fully Shielded

These adapters provide an economical way for users to solve gender and connector type mismatches among standard USB connectors.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UAD010MF	USB Adapter, Type A Male / Type B Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD011FM	USB Adapter, Type A Female / Type B Male	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD012FF	USB Adapter, Type B Female / Type B Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD013FF	USB Adapter, Type A Female / Type B Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD014MM	USB Adapter, Type A Male / Type A Male	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD015FF	USB Adapter, Type A Female / Type A Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD016MM	USB Adapter, Type B Male / Type B Male	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD017FM	USB Adapter, Type A Female / Mini DIN 6 Male	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD018MF	USB Adapter, Type A Male / Mini DIN 6 Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD019FM	USB Adapter, Type A Female / Mini-B5 Male	Black	4.25	4.17	3.99	3.74	3.19
UAD026MF	USB Adapter, Type A Male / Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD027MF	USB Adapter, Type B Male / Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19

RoHS USB 2.0 Micro B Adapters

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UAD030MF	USB Adapter, Micro B Male / Mini B5 Female	Black	4.25	4.17	3.99	3.74	3.19
UAD031MM	USB Adapter, Micro B Male / Standard A Male	Black	4.25	4.17	3.99	3.74	3.19
UAD032FM	USB Adapter, Micro B Male / Standard A Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19
UAD033FM	USB Adapter, Micro B Male / Standard B Female	Lt. Gray	4.25	4.17	3.99	3.74	3.19

RoHS USB 3.0 Adapters

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UAD035MF	USB 3.0 Socket Saver, Type A Male / Type A Female	Blue	8.75	8.57	8.22	7.70	6.56
UAD036FF	USB 3.0 Gender Changer, Type A Female / Type A Female	Blue	8.75	8.57	8.22	7.70	6.56
UAD037MM	USB 3.0 Gender Changer, Type A Male / Type A Male	Blue	8.75	8.57	8.22	7.70	6.56

RoHS USB Type A Low Profile Right Angle Adapters

L-com's UADAA90 series low profile right angle USB adapters are perfect for tight fit applications. Two exit options are available allowing cables to exit in opposite directions. These USB adapters are a much lower cost solution when compared to rotating USB adapters.

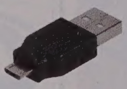
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UADAA90-1	Right Angle USB Adapter, Type A Male / Female, Exit 1	Lt. Gray	4.95	4.55	4.16	3.76	3.37
UADAA90-2	Right Angle USB Adapter, Type A Male / Female, Exit 2	Lt. Gray	4.95	4.55	4.16	3.76	3.37

RoHS USB Type B Low Profile Right Angle Adapters

L-com's UADBB90 series low profile right angle USB adapters feature two exit options allowing cables to exit in opposite directions. Our UADBB90 series USB adapters are a much lower cost solution when compared to rotating USB adapters. Additionally, these robust 90° USB adapters feature 20 AWG power leads for maximum power transfer and 100% shielding throughout for protection against data corrupting EMI/RFI.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
UADBB90-1	Right Angle USB Adapter, Type B Male / Female, Exit 1	Lt. Gray	4.95	4.55	4.16	3.76	3.37
UADBB90-2	Right Angle USB Adapter, Type B Male / Female, Exit 2	Lt. Gray	4.95	4.55	4.16	3.76	3.37

UAD013FF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UAD035MF

UADAA90-1

UADBB90-1

New

UAD026MF

UAD032FM

UAD036FF

UADAA90-2

New

UADBB90-2

> "Everything was much easier to find. The pictures on the web site do a good job of capturing the products. The check out was smooth. It appeared to be secure and it was pretty streamlined. All in all a "bang up job" on the site."
> - Nathanial B. Lyon, Owner, Northfield WiFi

Angled USB 2.0 Cable Assemblies - Six Options to Choose From

Molded, angled connector hoods solve difficult connection issues in tight places. Four mold options each for standard A and B style connectors are now available. These high quality constructed cables feature USB 2.0 compliant 26 AWG power leads and are finished in an attractive gray color. Custom configuration options are available with modest minimum requirements, please contact our Sales Team for a quote.

✓RoHS Deluxe USB 2.0 Cable Assemblies – Left Angle Type A to Left Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA90LA-90LB-05M	USB Cable, Left Angle Type A Male / Left Angle Type B Male, 0.5m	6.85	6.30	5.75	5.21	4.66
CA90LA-90LB-1M	USB Cable, Left Angle Type A Male / Left Angle Type B Male, 1.0m	7.25	6.67	6.09	5.51	4.93
CA90LA-90LB-2M	USB Cable, Left Angle Type A Male / Left Angle Type B Male, 2.0m	8.05	7.41	6.76	6.12	5.47
CA90LA-90LB-3M	USB Cable, Left Angle Type A Male / Left Angle Type B Male, 3.0m	8.85	8.14	7.43	6.73	6.02
CA90LA-90LB-5M	USB Cable, Left Angle Type A Male / Left Angle Type B Male, 5.0m	10.45	9.61	8.78	7.94	7.11

✓RoHS Deluxe USB 2.0 Cable Assemblies – Standard Type A to Up Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CAA-90UB-05M	USB Cable, Standard Type A Male / Up Angle Type B Male, 0.5m	6.35	5.84	5.33	4.83	4.32
CAA-90UB-1M	USB Cable, Standard Type A Male / Up Angle Type B Male, 1.0m	6.75	6.21	5.67	5.13	4.59
CAA-90UB-2M	USB Cable, Standard Type A Male / Up Angle Type B Male, 2.0m	7.55	6.95	6.34	5.74	5.13
CAA-90UB-3M	USB Cable, Standard Type A Male / Up Angle Type B Male, 3.0m	8.35	7.68	7.01	6.35	5.68
CAA-90UB-5M	USB Cable, Standard Type A Male / Up Angle Type B Male, 5.0m	9.95	9.15	8.36	7.56	6.77

✓RoHS Deluxe USB 2.0 Cable Assemblies – Down Angle Type A to Down Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA90DA-90DB-05M	USB Cable, Down Angle Type A Male / Down Angle Type B Male, 0.5m	6.85	6.30	5.75	5.21	4.66
CA90DA-90DB-1M	USB Cable, Down Angle Type A Male / Down Angle Type B Male, 1.0m	7.25	6.67	6.09	5.51	4.93
CA90DA-90DB-2M	USB Cable, Down Angle Type A Male / Down Angle Type B Male, 2.0m	8.05	7.41	6.76	6.12	5.47
CA90DA-90DB-3M	USB Cable, Down Angle Type A Male / Down Angle Type B Male, 3.0m	8.85	8.14	7.43	6.73	6.02
CA90DA-90DB-5M	USB Cable, Down Angle Type A Male / Down Angle Type B Male, 5.0m	10.45	9.61	8.78	7.94	7.11

✓RoHS Deluxe USB 2.0 Cable Assemblies – Standard Type A to Down Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CAA-90DB-05M	USB Cable, Standard Type A Male / Down Angle Type B Male, 0.5m	6.35	5.84	5.33	4.83	4.32
CAA-90DB-1M	USB Cable, Standard Type A Male / Down Angle Type B Male, 1.0m	6.75	6.21	5.67	5.13	4.59
CAA-90DB-2M	USB Cable, Standard Type A Male / Down Angle Type B Male, 2.0m	7.55	6.95	6.34	5.74	5.13
CAA-90DB-3M	USB Cable, Standard Type A Male / Down Angle Type B Male, 3.0m	8.35	7.68	7.01	6.35	5.68
CAA-90DB-5M	USB Cable, Standard Type A Male / Down Angle Type B Male, 5.0m	9.95	9.15	8.36	7.56	6.77

✓RoHS Deluxe USB 2.0 Cable Assemblies – Right Angle Type A to Right Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA90RA-90RB-05M	USB Cable, Right Angle Type A Male / Right Angle Type B Male, 0.5m	6.85	6.30	5.75	5.21	4.66
CA90RA-90RB-1M	USB Cable, Right Angle Type A Male / Right Angle Type B Male, 1.0m	7.25	6.67	6.09	5.51	4.93
CA90RA-90RB-2M	USB Cable, Right Angle Type A Male / Right Angle Type B Male, 2.0m	8.05	7.41	6.76	6.12	5.47
CA90RA-90RB-3M	USB Cable, Right Angle Type A Male / Right Angle Type B Male, 3.0m	8.85	8.14	7.43	6.73	6.02
CA90RA-90RB-5M	USB Cable, Right Angle Type A Male / Right Angle Type B Male, 5.0m	10.45	9.61	8.78	7.94	7.11

✓RoHS Deluxe USB 2.0 Cable Assemblies – Up Angle Type A to Up Angle Type B, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA90UA-90UB-05M	USB Cable, Up Angle Type A Male / Up Angle Type B Male, 0.5m	6.85	6.30	5.75	5.21	4.66
CA90UA-90UB-1M	USB Cable, Up Angle Type A Male / Up Angle Type B Male, 1.0m	7.25	6.67	6.09	5.51	4.93
CA90UA-90UB-2M	USB Cable, Up Angle Type A Male / Up Angle Type B Male, 2.0m	8.05	7.41	6.76	6.12	5.47
CA90UA-90UB-3M	USB Cable, Up Angle Type A Male / Up Angle Type B Male, 3.0m	8.85	8.14	7.43	6.73	6.02
CA90UA-90UB-5M	USB Cable, Up Angle Type A Male / Up Angle Type B Male, 5.0m	10.45	9.61	8.78	7.94	7.11

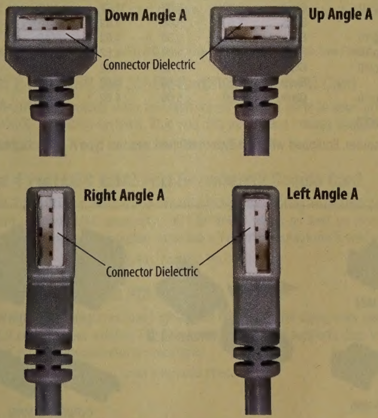
Tip

Defining angled USB cable assemblies

Angled connector hoods help connect USB cables in tight places. L-com now offers four options each for standard A and B style connectors. The photos below detail the connector position relative to the cable entry direction.

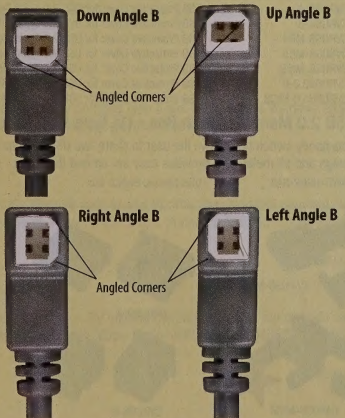
A Style Connectors

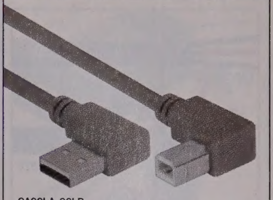
For A style connectors, the position of the connector dielectric* is key in determining the correct angle for your application. ***Note:** The connector dielectric is the plastic material that contains the contacts



B Style Connectors

For B style connectors, the angled corners of the connector are key in determining the correct angle for your application.

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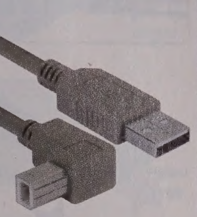
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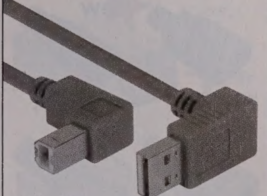
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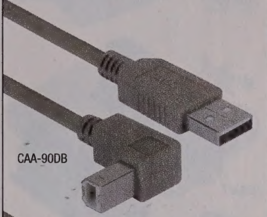
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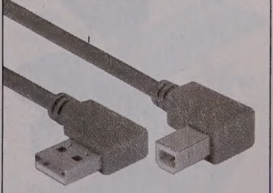
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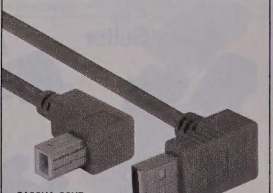
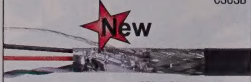

CA90UA-90UB

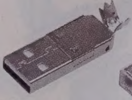
Same day shipping
Orders placed before 4:00 EST
ship the same day.

CSUSB



CBL-USB2-2824/2828

CBL-USBZ-2820


CNUSB-A

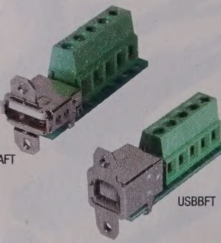
CNUSB-B

HOODUSB-Z-A

HOODUSB-Z-B

HOODUSB-A

HOODUSB-B


USBAFT

USBBFT

SWIT-USB2-BAA

☑RoHS USB Revision 2.0 Compliant Bulk Cable

This cable will support the 480 Mbps transmission rate of a USB 2.0 network and is also backward compatible with older, slower USB networks. USB bulk cable features two 20 AWG power conductors plus one 28 AWG twisted pair for the data lines. A flexible PVC jacket covers the braid, foil and drain wire shield. Choose from 100, 500 or 1000 foot spools. Jacket color is Light Gray.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CSUSB-100	USB Revision 2.0 Compliant Bulk Cable, 100ft (30.5m) Spool	Lt. Gray	49.00	46.06	43.12	40.18	CALL
CSUSB-500	USB Revision 2.0 Compliant Bulk Cable, 500ft (152.4m) Spool	Lt. Gray	225.00	211.50	198.00	184.50	CALL
CSUSB-1000	USB Revision 2.0 Compliant Bulk Cable, 1000ft (304.8m) Spool	Lt. Gray	395.00	371.30	347.60	323.90	CALL

☑RoHS USB Revision 2.0 Compliant Bulk Cable

USB bulk cable features two 24 or 28 AWG power conductors plus one 28 AWG twisted pair for the data lines. A flexible PVC jacket covers the braid, foil, and drain wire shield. Choose from 100, 500 or 1000 foot put-ups. Jacket color is black. Compatible with L-com CNUSB connector series.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CBL-USB2-2824-100	USB Revision 2.0 Compliant Bulk Cable, 100ft (30.5m) Spool	Black	36.00	33.84	31.68	29.52	CALL
CBL-USB2-2824-500	USB Revision 2.0 Compliant Bulk Cable, 500ft (152.4m) Spool	Black	165.00	155.10	145.20	135.30	CALL
CBL-USB2-2824-1000	USB Revision 2.0 Compliant Bulk Cable, 1000ft (304.8m) Spool	Black	295.00	277.30	259.60	241.90	CALL
CBL-USB2-2828-100	USB Revision 2.0 Compliant Bulk Cable, 100ft (30.5m) Spool	Black	25.00	23.50	22.00	20.50	CALL
CBL-USB2-2828-500	USB Revision 2.0 Compliant Bulk Cable, 500ft (152.4m) Spool	Black	108.00	101.52	95.04	88.56	CALL
CBL-USB2-2828-1000	USB Revision 2.0 Compliant Bulk Cable, 1000ft (304.8m) Spool	Black	195.00	183.30	171.60	159.90	CALL

☑RoHS LSZH USB Revision 2.0 Compliant Bulk Cable

Halogen free USB bulk cable features two 20 AWG power conductors plus one 28 AWG twisted pair for the data lines. A flexible LSZH jacket covers the braid, foil and drain wire shield. Low smoke zero halogen cable reduces the amount of toxic and corrosive gases emitted during combustion. Choose from 100, 500 or 1000 foot (30.5, 152.4 or 304.8m) put-ups. Jacket color is black.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CBL-USBZ-2820-100	LSZH USB Revision 2.0 Compliant Bulk Cable, 100ft (30.5m) Spool	Black	105.00	98.70	92.40	86.10	CALL
CBL-USBZ-2820-500	LSZH USB Revision 2.0 Compliant Bulk Cable, 500ft (152.4m) Spool	Black	495.00	465.30	435.60	405.90	CALL
CBL-USBZ-2820-1000	LSZH USB Revision 2.0 Compliant Bulk Cable, 1000ft (304.8m) Spool	Black	900.00	846.00	792.00	738.00	CALL

☑RoHS USB Connectors and Hoods, Type A and B

USB connectors and hoods are now available for custom lengths and applications. Connectors feature gold plated solder contacts, nickel-plated steel shells and a UL94V-0 rated housing.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CNUSB-A	USB Type A Connector		1.39	1.36	1.31	1.22	1.04
CNUSB-B	USB Type B Connector		1.39	1.36	1.31	1.22	1.04
HOODUSB-Z-A	LSZH USB Type A Hood	Black	0.89	0.87	0.84	0.78	0.67
HOODUSB-Z-B	LSZH USB Type B Hood	Black	0.89	0.87	0.84	0.78	0.67
HOODUSB-A	USB Type A Hood	Lt. Gray	0.64	0.63	0.60	0.56	0.48
HOODUSB-B	USB Type B Hood	Lt. Gray	0.64	0.63	0.60	0.56	0.48

☑RoHS USB Type A and B Female Field Termination Connector

The USB field termination female connectors provide an easy and convenient way to perform field termination for USB applications. USB 2.0 standard A and B connector styles are available. Separate connection points are provided for all 4 positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections utilizing no special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable using 4-40 screws provided.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
USBAFT	USB Field Termination Connector, Type A Female		6.25	5.88	5.50	5.13	4.75
USBBFT	USB Field Termination Connector, Type B Female		6.25	5.88	5.50	5.13	4.75

☑RoHS USB Type A, B, Mini B5 and Micro B Female Connector Covers - Protect Unused Ports, Pkg/10

These covers are perfect for protecting unused female ports in our panel mount couplers or any expensive equipment from physical damage, dirt and dust. Made from soft ABS, these covers attach easily and stay in place with a snug friction fit.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CAPUSB-A	USB Protective Cover for Type A Jacks, Pkg/10	Black	6.50	5.98	5.46	4.94	4.42
CAPUSB-B	USB Protective Cover for Type B Jacks, Pkg/10	Black	6.50	5.98	5.46	4.94	4.42
CAPUSB-MB5	USB Protective Cover for Type Mini B5 Jacks, Pkg/10	Black	6.50	5.98	5.46	4.94	4.42
CAPUSB-MICB	USB Protective Cover for Type Micro B Jacks, Pkg/10	Black	6.50	5.98	5.46	4.94	4.42

☑RoHS USB Cable Assembly Male Connector Dust Covers - Pkg/10

These hard to find covers are perfect for protecting unused USB cable assembly connectors from physical damage, dirt and dust. Made from PVC, they attach easily and stay in place with a snug friction fit.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
CVRUSB-A	USB Protective Cover for USB 2.0 & 3.0 Type A Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB-B	USB Protective Cover for USB 2.0 Type B Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB-MB4	USB Protective Cover for USB 2.0 Type Mini B4 Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB-MB5	USB Protective Cover for USB 2.0 Type Mini B5 Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB-MICB	USB Protective Cover for USB 2.0 Type Micro B Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB3.0-B	USB Protective Cover for USB 3.0 Type B Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74
CVRUSB3.0-MICB	USB Protective Cover for USB 3.0 Type Micro B Plugs, Pkg/10	Black	5.50	5.06	4.62	4.18	3.74

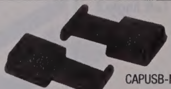
USB 2.0 Manual Switch Box - (1) Type B and (2) Type A Ports

This handy switch box allows the user to share two USB devices with one computer. Equipped with one Type B I/O port and two type A ports. Lightweight design and all metal case provides easy set up and durability.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
SWIT-USB2-BAA	USB Manual Switch Box		11.75	11.52	11.28	11.04	10.81

Best Seller

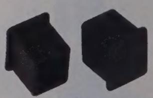
CAPUSB-A


CAPUSB-MB5

CVRUSB-A

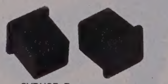
CVRUSB-MB4

CVRUSB-MICB


CVRUSB3.0-B

CAPUSB-B

CAPUSB-MICB


CVRUSB-B

CVRUSB-MB5

CVRUSB3.0-MICB

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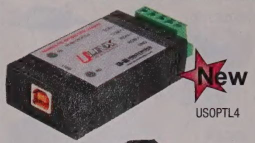
L-com.com/NewProducts

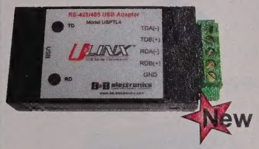
B&B Electronics Isolated and Non-Isolated Inline USB to RS232/RS422/RS485 Converters

Universal Serial Bus (USB) has become the connectivity workhorse of today's PCs, replacing the familiar serial ports. But many commercial and industrial devices still use RS-232 interfaces. To connect these devices to modern PCs you need robust and reliable conversion solutions. At the same time, USB ports are becoming more common on commercial and industrial equipment such as point-of-sale peripherals, medical devices, scientific instrumentation, laboratory equipment and other devices. Sometimes these are used in environments where surges, spikes and ground loops are likely to occur. Get the extended range and multi-drop capability of RS-232 or RS-422/485 from the USB port of your PC. Isolated models protect PCs and laptops from dangerous surges and spikes on the network. Windows automatically configures the serial output as an additional COM port, compatible with your Windows application.

Item #	Description	List Price
USOPTL4	USB to RS422/485 Term Block, 2kV Isolation	127.00
USO9ML2	USB to RS232 to DB9 Male, 2kV Isolation	127.00
USPTL4	USB to RS422/485 Term Block	97.00


USOPTL4

USO9ML2

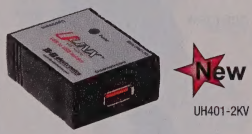

USPTL4

B&B Electronics USB Isolators

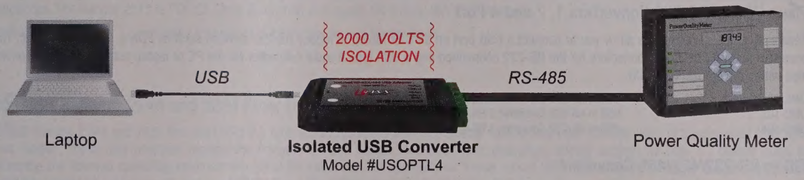
At just 2.0 x 1.7 x 0.8 inches, these little isolators pack a powerful punch against electrical noise, surges and spikes - up to 4kV isolation. Protect expensive PCs and equipment from damaging electrical storms, power surges and other high EMI/RFI disturbances. This isolation barrier eliminates ground loops which are disruptive in measurement applications. The UH401 provides 4kV isolation and is UL 60601-1 recognized, making it appropriate for use with medical equipment. The UH401-2KV provides 2kV isolation. Both models are USB bus powered and provide up to 100mA of current to attached downstream devices when they are attached to a full power (500 mA) USB host port.

UH401	USB to USB 1 Port Isolator, 4kV	117.00
UH401-2KV	USB to USB 1 Port Isolator, 2kV	97.00

UH401


UH401-2KV

Typical USB Isolation Application



USB 3.0 4 Port Hub

Perfect for sharing USB 3.0 resources such as USB scanners, card reader, and USB attached external storage, the USB-HUB-3.0 provides lightning fast USB connections at an affordable price. This plug and play USB 3.0 hub installs in seconds and is compatible with Windows SE/ME/2000/XP/VISTA/7. Ships with 5V DC power supply and 3.5 foot USB 3.0 cable.

USB-HUB-3.0	4 Port USB 3.0 Hub	39.95

USB-HUB-3.0

USB 3.0 PCM 3.0 ExpressCard

The USB-EXPRESS-3.0 provides two high speed USB 3.0 ports supporting data transfer rates up to 5 Gbps! The high speed USB 3.0 ExpressCard is backward compatible with USB 2.0, 1.1, 1.0, and supports Control/Bulk/Interrupt/Isochronous data transfer.

USB-EXPRESS-3.0	USB 3.0 2 Port ExpressCard (34mm) Adapter	28.95

USB-EXPRESS-3.0

USB 3.0 PCI ExpressCard

This USB 3.0 PCI card is perfect for adding high speed 5 Gbps USB 3.0 ports to a PC. This dual port USB 3.0 adapter is perfect for connecting newer USB 3.0 equipment such as card readers; USB attached external storage and digital scanners to a PC. The USB-PCI-3.0 is backward compatible with USB 2.0, 1.1, and 1.0.

USB-PCI-3.0	USB 3.0 Dual Port PCI Express Card –PCI Low Profile	28.95

Zonet 2 Port USB 2.0 32-Bit CardBus Type-II PC Card

The ZN-ZUN2200 quickly adds two high-speed USB 2.0 ports to your laptop. This PC card fits any CardBus Type-II slot and supports Windows 98SE/ME/2000/XP operating systems. Plug and play installation insures easy installation. Includes a 1-year manufacturer's warranty.

ZN-ZUN2200	Zonet 2 Port USB PC Card	30.00

ZN-ZUN2200

Zonet 4 Port USB 2.0/2 Port Firewire PCI Combo Card

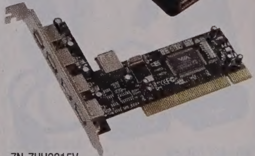
The ZN-ZUC2401 is a flexible and versatile PCI card featuring three USB 2.0 and 2 IEEE1394 Firewire ports to your PC. This easy to install, plug and play PCI card supports USB data rates of 1.5/12/480 Mbps as well as Firewire data speeds of 100/200/400 Mbps. Windows 98SE/ME/2000/XP/Vista operating systems are supported. Includes a 1-year manufacturer's warranty.

ZN-ZUC2401	Zonet 4 Port USB PCI Combo Card	39.00

Zonet 4 Port USB 2.0 PCI Card

The ZN-ZUH2215V features four High-speed USB 2.0 ports along with easy plug and play installation. By utilizing the ZN-ZUH2215V, you can add four USB 2.0 ports to your existing PC. This versatile PCI card supports data transfer speeds of 1.5/12/480 Mbps. Works with Windows 98SE/ME/2000/XP. Includes a 1-year manufacturer's warranty.

ZN-ZUH2215V	Zonet 4 Port USB PCI Card	19.00


ZN-ZUH2215V

Same day shipping
Orders placed before 4:00 EST
ship the same day.

L-com® Global Connectivity

Item #	Description	1-9	10-24	25-99	100-249	250-499

ZN-ZUC3100

Zonet USB 1.1 to RS-232 Serial Converter

The ZN-ZUC3100 is used to connect RS-232 Serial peripherals such as GPS devices and PDA's to the USB port of your PC or Laptop. This easy to install, Plug and Play converter provides seamless translation of RS-232 to USB. Works with Windows 98SE/ME/2000/XP. Includes a 1-year manufacturer's warranty.

ZN-ZUC3100	Zonet USB 1.1 to RS-232 Serial Converter	19.90	19.50	19.10	18.71	18.31

PTUSB-PS2

Planet USB to PS/2 Keyboard and Mouse Converter

Planet's USB to PS/2 Converter allows users to connect existing PS/2 style keyboards and mice to USB enabled computers. The Planet adapter is bus powered and compatible with Windows 98/98SE/NT/ME/2000/XP, Netware, Unix /Linux, Mac OS 8.6 or greater and Sun Microsystems. Converter includes a one year manufacturer's warranty.

PTUSB-PS2	Planet USB to PS/2 Keyboard and Mouse Converter	14.00	13.72	13.44	13.16	12.88

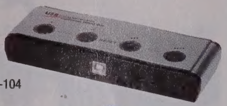
ZN-ZUN2210

Zonet USB 2.0 to 10/100 Ethernet Adapter

The ZN-ZUN2210 provides a convenient and cost-effective way of connecting the notebook or desktop PC to an IEEE 802.3/802.3u standard Fast Ethernet network through a Universal Serial Bus (USB) interface. This product is designed to be used with both notebook and desktop PCs with USB 2.0 or USB 1.1 ports. Windows 98SE/Me/2000/XP operating systems are supported. The USB type A plug can only be inserted into a Laptop or Desktop PC for this product to function properly.

ZN-ZUN2210	Zonet USB to Ethernet Adapter	24.95	24.45	23.95	23.45	22.95

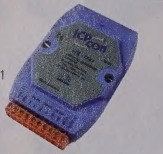
Item #	Description	List Price


UMC-104

✓RoHS USB to RS-232 Converters 1, 2 and 4 Port

These easy to install converters allow you to connect a USB port on a PC or laptop to legacy RS-232 devices such as PDA's, GPS systems etc. These converters feature DB9 male connectors for the RS-232 connection and a USB type A male connector for the PC or laptop connection. Each converter ships with a driver/installation CD.

UMC-201	USB to RS-232 Converter Cable, 1 meter	29.95
UMC-102	USB to RS-232 Converter, 2 RS-232 DB9 Male	44.95
UMC-104	USB to RS-232 Converter, 4 RS-232 DB9 Male	75.95


CVTR-I-7561

USB to RS-232/422/485 Converter

The CVTR-I-7561 is a rugged yet cost-effective module that is used for transferring serial data over USB. This converter allows you to connect your serial devices to systems using a USB interface such as a PC. The CVTR-I-7561 contains a Self Tuner chip, which auto-tunes the baud rate and data format to the RS-485 network. CVTR-I-7561 module derives its power from the USB port and does not require an external power supply. This versatile converter also features a high-speed 115.2 Kb/s transmission rate, and supports a multitude of O.S. independent RS-232/422/485 Ports. Power supply sold separately.

CVTR-I-7561	USB to RS-232/422/485 Converter	125.00

USB-488

USB to GPIB Converter Cable

The USB-488 is a USB to GPIB Controller Module that converts any PC with a USB interface into a full-function, IEEE 488.2 Bus Controller. The unit performs all of the basic IEEE-488.1 functions such as talker, listener and system controller. Its IEEE-488.2 controller routines make it fully compliant with the IEEE 488.2 specification. The USB-488 module is a Plug and Play USB peripheral that supports Microsoft Windows 98SE/ME/2000/XP operating systems. The driver includes National Instruments' style 488.1 'ib' and 488.2 command Sets. Additionally the driver provides support for Visual Basic and C/C++ language programs and is compatible with National Instruments' VISA and LabView.

USB-488	USB to GPIB Converter Cable	495.00

TL-U233-006-PP-R

Tripp Lite USB 2.0 Data Transfer Cable

Tripp Lite's 6ft, U233-006-PP-R, High-Speed USB File Transfer Adapter, is the premier file and data sharing solution for PC users. The EasySuite utility software is already embedded on the High-Speed USB File Transfer Adapter and will automatically load onto your system. Transfer e-mail, music, photos, videos and document files from one computer to another, at speeds up to 480 Mbps. Compatible with Windows 2000, XP, Vista and Windows 7, the High-Speed USB File Transfer Adapter is ideal for those transferring important files to a new computer and also allows you to quickly transfer music or video files to a friend's computer.

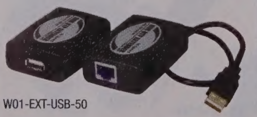
TL-U233-006-PP-R	Tripp Lite USB 2.0 Data Transfer Cable	37.95

TL-U026-016

✓RoHS USB 2.0 Active Extension Cable Type A Male/Female 5 Meter

The TL-U026-016 is a 16-ft. USB Certified 2.0 active extension cable that is bus powered and can be used to increase the length of a USB device without the worry of signal loss and potential performance problems. USB limits a cable's length to 16 feet. Any length over 16 feet requires the use of an active cable such as this one. This cable has a signal booster built in. The overall cable length can be extended up to 80 feet by daisy chaining up to 5 of these active cables. The cable must be plugged directly into a USB port, either on the PC or a hub.

TL-U026-016	USB 2.0 Active Extension Cable, Type A Male / Female, 5.0m	21.49


W01-EXT-USB-50

✓RoHS USB Extender - Extends USB Signals to 50 Meters

Extend USB signals up to 50 meters using standard Cat5/5e/6 cable! This competitively priced USB extender features a built in buffer and actively regenerates USB signals to preserve data integrity. These extenders are great for use with security and surveillance video, PC digital audio systems and other devices with USB interface that are located in far away locations.

W01-EXT-USB-50	USB Extender	42.00

L-com Global Connectivity

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Item #	Description	List Price

Icron USB Ranger® 2201/2204 USB 2.0 Extenders

The USB Ranger 2201 and 2204 provide USB 2.0 high speed extension, enabling USB 2.0 connections at up to 480Mbps over 100m/328ft of Cat 5 cabling. The Ranger 2201 and 2204 address the adverse operating environments ideal for ExtremeUSB® applications. Ranger 2201/2204 are also certified for demanding industrial environments: FCC/CE Class B certified, meets EN-61000 8kV ESD immunity and is housed in a robust metal enclosure.

ICR2201	Icron USB 2.0 Ranger 2204 1 Port Extender	329.00
ICR2204	Icron USB 2.0 Ranger 2204 4 Port Extender	329.00

Icron USB 2.0 Ranger® 2101/2104

Icron's USB 2.0 Ranger® 2101 and 2104 extenders represent a significant milestone in the USB market supporting USB 2.0 peripheral devices at speeds up to 480 Mbps over a distance of 100m/330ft, doubling the extension distance of 50m/165ft of the previous generation. Powered by patented ExtremeUSB technology, the USB 2.0 Ranger 2101 supports a single device port; the USB 2.0 Ranger 2104 supports four device ports via an integrated hub. These USB extenders require AC power (included) at the remote REX end. Additionally an optional LEX power supply (sold separately) is available for USB ports that cannot provide the required 500mA current.

ICR2101	Icron 1 Port 2.0 Ranger Cat. 5 USB Extender	319.00
ICR2104	Icron 4 Port 2.0 Ranger Cat. 5 USB Extender	349.00

Icron USB Ranger® 2212 Cat 5 USB 2.0 Extender with Remote Power

The USB Ranger 2212 is a remote powered, two port USB 2.0 extender which provides USB 2.0 connections at up to 480 Mbps over 100m/330ft of Cat 5 cabling. The Ranger 2212 delivers standard 500mA USB power over the Cat 5 extension link to the two port remote hub, eliminating the need to locate the remote USB devices near an AC power outlet and greatly increasing the ease of deployment for USB extension in industrial, medical and commercial applications. The Ranger 2212 is FCC/CE Class B certified and meets EN-61000 8kV ESD immunity.

ICR2212	Icron USB 2.0 Ranger 2212 2 Port Extender with Remote Power	369.00

Icron USB Ranger® 2244 and 2224 Fiber Optic USB 2.0 Extenders

The USB Ranger 2244 and 2224 four port USB 2.0 high speed extension solutions enable connectivity over 10km/6 miles of Single mode fiber optics (2244 model). These new products replace the Ranger 444 and Ranger 442 fiber optic extenders, adding support for USB 1.1 classic hosts and addressing the adverse operating environments ideal for ExtremeUSB® applications. These robust USB fiber extenders Ranger are also certified for demanding industrial environments and are FCC/CE Class B certified, meet EN-61000 16kV ESD immunity and utilize rugged metal enclosures.

ICR2224	USB Ranger Multimode Fiber Extender (500m/1650 ft)	899.00
ICR2244	USB Ranger Single mode Fiber Extender (10km/6 miles)	1100.00

Icron Dual Mode DVI/USB KVM Extender

Powered by ExtremeLink™ Technology, the dual mode EL4500 KVM Extender provides DVI, audio, and USB 2.0 over a single Cat 5 (or better) cable or connection over a Local Area Network (LAN) using Rapid Pairing Protocol™ for easy, plug and play installation.

EL4500-NA	Icron Dual Mode DVI/USB KVM Extender	649.00

Icron USB Rover® 1650/2650

The Icron 1650 and 2650 Rover products extend the range of USB devices up to 50 meters over UTP cable. These USB extenders support either one USB port (1650) or two USB ports (2650). Both the 1650 and 2650 do not require an external power supply since they transmit power and data over the same Category 5 UTP cable. These extenders are ideal for use with USB 1.1 keyboards and mice. The 1650 and 2650 provide support for any full-speed (12 Mbps) or low-speed (1.5 Mbps) USB device. Set includes both the local and remote units.

ICR1650	Icron 1 Port Full-Speed 50 Meter USB Extender (Set)	99.00
ICR2650	Icron 2 Port Full-Speed 50 Meter USB Extender (Set)	110.00

Icron USB Rover® 200

The Icron USB Rover 200 is an active fiber optic USB 1.1 extension cable that supports any full-speed (12 Mbps) or low-speed (1.5 Mbps) USB device. Additionally, the Rover 200 provides electrical immunity and isolation between the host and peripheral device. The Rover 200 is available in lengths up to 40 meters. System includes local and remote units, integrated cable, North American power adapter and a user guide. Compatible with PC, MAC and SUN platforms.

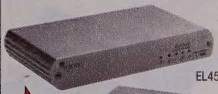
ICR-USB200NA-10	Icron USB Rover 200 10 Meter North American Power Adapter	175.00
ICR-USB200NA-20	Icron USB Rover 200 20 Meter North American Power Adapter	249.00
ICR-USB200NA-30	Icron USB Rover 200 30 Meter North American Power Adapter	299.00
ICR-USB200NA-40	Icron USB Rover 200 40 Meter North American Power Adapter	369.00

ICR2204

ICR2104

ICR2212

ICR2224


EL4500-NA

ICR1650

ICR-USB200NA

Same day shipping
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ship the same day.

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Firewire / DIN / SCSI and SATA Tutorial

What is Firewire?

Firewire is a high speed communication interconnect standard defined by IEEE-1394. It was originally developed to connect PCs to other PCs or to peripherals such as digital cameras, camcorders, scanners, etc. An attractive advantage is the devices are hot pluggable (live connection/disconnection without data loss or interruption).

What is SCSI?

Small Computer System Interface or SCSI is a standard and interface for transferring data between PCs and peripherals such as disk drives. Some SCSI interfaces are also found on peripherals such as scanners and CD drives.

What is SATA?

SATA or Serial ATA is a storage interface used to connect laptop and desktop computers or external mass storage devices such as a hard disk drives or optical drives. SATA can support data transfer rates as high as 3.0 Gbps per device (depending on hardware used).

What is eSATA?

eSATA or external SATA, was developed in 2004 to provide external high speed connectivity to external storage devices. eSATA technology supports hot plugging and a maximum cable length of 2 meters.

What is Ultra ATA/133?

Ultra ATA is a high speed interface using parallel transmission to connect not only mass storage devices but other peripherals such as DVD-ROM drives, CD-ROM drives tape drives, and floppy drives.

What is DIN and Mini DIN?

DIN stands for Deutsches Institut für Normung which is the German standards organization that developed this interface.

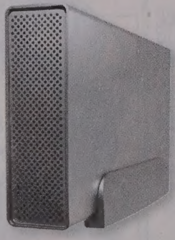
DIN connectors are available in many configurations from 3 to 9 positions. Also there are several different versions of the 5 pin connector where the angle of the arc swept between the first and last pin can be 180°, 240° or 270°. The most common uses for DIN connectors are analog audio, AT keyboard and mouse connections and MIDI applications.

Mini DIN connectors were also developed by Deutsches Institut für Normung. These connectors are similar to the DIN series but feature a smaller diameter connector and are available in different styles (pin counts and pin orientation). Some popular applications for Mini DIN connectors include S-Video and PS/2 Keyboard and mouse interconnects.

Common Application Matrix

- SCSI, SATA, eSATA, Ultra ATA/133

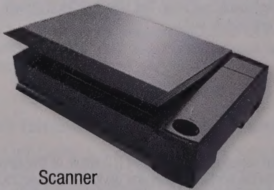
Hard Disk Drive



External Storage

- Firewire

Camera



Scanner

Camcorder

- DIN and Mini DIN

Keyboard and Mouse

MIDI

S-Video

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For more useful information go to....
L-com.com/Resources

☑RoHS External Serial ATA Cable Assemblies - Fully Shielded, Protect Against EMI/RFI

L-com's CAESA series of external Serial ATA cables provide fast data transfer speeds for external storage devices. SATA is now available "outside the box". These fully shielded cables provide extra protection from EMI/RFI and support speeds up to three Gigabits per second.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CAESA-05M	External Serial ATA Cable Assembly, 0.5m	6.95	6.53	6.12	5.70	5.28
CAESA-1M	External Serial ATA Cable Assembly, 1.0m	7.95	7.47	7.00	6.52	6.04
CAESA-2M	External Serial ATA Cable Assembly, 2.0m	9.95	9.35	8.76	8.16	7.56

☑RoHS External Serial ATA to Latching SATA II Cable Assemblies, Fully Shielded

L-com's CAESA2 series of External SATA to SATA II latching cable assemblies connect eSATA external drives/enclosures to SATA II enabled systems. These robust assemblies feature fully shielded cables that provide extra protection from EMI/RFI and support speeds up to three Gigabits per second. The SATA II latching connector ensures a secure connection.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CAESA2-05M	eSATA to SATA II Latching Cable Assembly, 0.5m	6.95	6.53	6.12	5.70	5.28
CAESA2-1M	eSATA to SATA II Latching Cable Assembly, 1.0m	7.95	7.47	7.00	6.52	6.04
CAESA2-2M	eSATA to SATA II Latching Cable Assembly, 2.0m	9.95	9.35	8.76	8.16	7.56

☑RoHS SATA and eSATA Connector Covers for Male and Female Connectors, Pkg/10

These hard to find covers are perfect for protecting unused connector ports in any equipment as well as cable assembly connectors. Four part numbers are available - CVR-ESATA and CVRSATA cover cable assembly connectors, CAP-ESATA and CAPSATA cover computer/equipment ports. These covers attach easily and stay in place with a snug friction fit. Color is black.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CVRSATA	Protective Cover for SATA Cable Assembly Connector, Pkg/10	5.50	5.06	4.62	4.18	3.74
CVR-ESATA	Protective Cover for eSATA Cable Assembly Connector, Pkg/10	5.50	5.06	4.62	4.18	3.74
CAPSATA	Protective Cover for SATA Computer/Connector Ports, Pkg/10	6.50	5.98	5.46	4.94	4.42
CAP-ESATA	Protective Cover for eSATA Computer/Connector Ports, Pkg/10	6.50	5.98	5.46	4.94	4.42

☑RoHS Serial ATA (SATA) Cable Assemblies with Latching Connectors- Straight and Right Angle Connectors

L-com's latching Serial ATA cable assemblies provide a secure connection every time. These SATA assemblies feature two shielded 26 AWG pairs in a PVC jacket, gold plated contacts and two straight polarized seven position connectors. Both straight to straight and straight to right angle versions are offered. Custom lengths are available with modest minimum requirements. Call us today with your custom SATA requirements.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CASATAL-8	Latching Serial ATA Cable, Straight / Straight, 8.0in (20.3cm)	3.75	3.45	3.15	2.85	2.55
CASATAL-12	Latching Serial ATA Cable, Straight / Straight, 12.0in (30.4cm)	3.95	3.63	3.32	3.00	2.69
CASATAL-16	Latching Serial ATA Cable, Straight / Straight, 16.0in (40.6cm)	4.15	3.82	3.49	3.15	2.82
CASATAL-18	Latching Serial ATA Cable, Straight / Straight, 18.0in (45.7cm)	4.25	3.91	3.57	3.23	2.89
CASATAL-24	Latching Serial ATA Cable, Straight / Straight, 24.0in (61.0cm)	4.60	4.23	3.86	3.50	3.13
CASATAL-36	Latching Serial ATA Cable, Straight / Straight, 36.0in (91.4cm)	5.25	4.83	4.41	3.99	3.57
CASATARL-8	Latching Serial ATA Cable, Straight / Right Angle, 8.0in (20.3cm)	4.25	3.91	3.57	3.23	2.89
CASATARL-12	Latching Serial ATA Cable, Straight / Right Angle, 12.0in (30.4cm)	4.45	4.09	3.74	3.38	3.03
CASATARL-16	Latching Serial ATA Cable, Straight / Right Angle, 16.0in (40.6cm)	4.65	4.28	3.91	3.53	3.16
CASATARL-18	Latching Serial ATA Cable, Straight / Right Angle, 18.0in (45.7cm)	4.75	4.37	3.99	3.61	3.23
CASATARL-24	Latching Serial ATA Cable, Straight / Right Angle, 24.0in (61.0cm)	5.10	4.69	4.28	3.88	3.47
CASATARL-36	Latching Serial ATA Cable, Straight / Right Angle, 36.0in (91.4cm)	5.75	5.29	4.83	4.37	3.91

☑RoHS Serial ATA Cable Assemblies - Straight to Straight and Straight to Right Angle Connectors

Serial ATA cables are replacing wide Parallel ATA ribbon cables in many applications. The Serial ATA cable is smaller, more flexible and easier to route inside a chassis. With the trend toward miniaturization, these characteristics are beneficial in many product designs. The cables feature two shielded 26 AWG pairs in a PVC jacket, gold plated contacts and polarized seven position connectors. Available in straight to straight and straight to right angle connector orientations in lengths of 0.5 and 1 meter.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CASATA-05M	Serial ATA Cable, Straight / Straight, 0.5m	4.25	3.83	3.40	2.97	2.55
CASATA-1M	Serial ATA Cable, Straight / Straight, 1.0m	5.25	4.73	4.20	3.67	3.15
CASATAR-05M	Serial ATA Cable, Straight / Right Angle, 0.5m	4.75	4.28	3.80	3.32	2.85
CASATAR-1M	Serial ATA Cable, Straight / Right Angle, 1.0m	5.75	5.17	4.60	4.02	3.45

☑RoHS Serial ATA Extension Cable Assemblies (SATA) - Male to Female Connectors

These handy cables can be used to extend SATA cables as well as create space in tightly packed areas where bulky disk-on-modules (DOMs) are difficult to connect. These cables feature a bright red PVC jacket, gold contacts and are fully shielded.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CASATAEXT-12	Serial ATA Extension Cable, 12" (30.4cm)	4.25	3.91	3.57	3.23	2.89
CASATAEXT-20	Serial ATA Extension Cable, 20" (50.8cm)	4.75	4.37	3.99	3.61	3.23

☑RoHS Slim SATA Cables

Slim SATA cables are now available for slimline SATA drives. A compact power and data connector plugs directly into the slimline data drive and splits into a standard latching SATA cable plus a 4 position power connector.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CASSA-8	Slim SATA Cable, 8" (20.3cm)	7.50	6.90	6.30	5.70	5.10
CASSA-18	Slim SATA Cable, 18" (45.7cm)	8.00	7.36	6.72	6.08	5.44

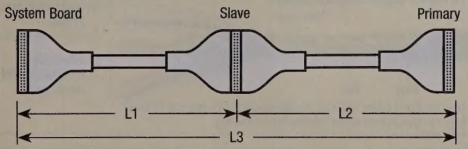
☑RoHS Ultra ATA 133 Cables - 80 Cond. Round Shielded Cable with Three 40 Signal/40 Ground IDE Connectors

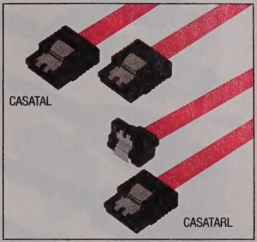
Connectors are IDE 40 signal plus 40 ground, color coded and polarized for easy plug in. Also, these cables are compatible with ATA 100, 66, 33 drives and many CD-ROMS, zip drives and tape drives. See diagram below for connector spacing.

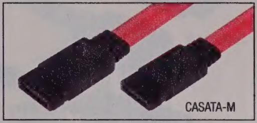
Item #	Description	1-9	10-24	25-99	100-249	250-499
CAATA133-324	Ultra ATA133 Cable, 3 Connector, 24" (61.0cm)	8.95	8.23	7.52	6.80	6.09
CAATA133-336	Ultra ATA133 Cable, 3 Connector, 36" (91.4cm)	9.95	9.15	8.36	7.56	6.77

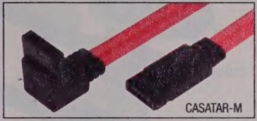
Ultra ATA 133 Cable Spacing

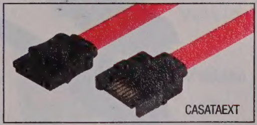
Part No.	Length		
	L1	L2	L3
CAATA133-324	16" (40.6cm)	8" (20.3cm)	24" (61.0cm)
CAATA133-336	23.5" (59.7cm)	12" (30.5cm)	35.5" (90.2cm)

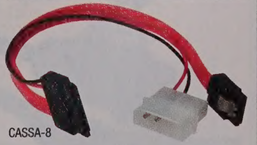


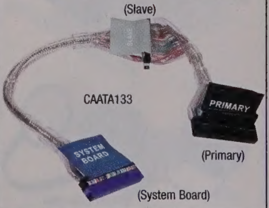












Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

IEEE-1394 Firewire Cable Assemblies - Transmission Rates to 400 Mbps

Highest quality Firewire cables allow for transfer rates up to 400 Mbps and meet the IEEE-1394 specification. These cables allow for simple Plug and Play connections for devices such as printers, scanners, digital cameras and other firewire peripherals. They can also be used to link two computers together for file sharing. Twisted pair data lines help reduce crosstalk while 22 AWG power conductors enable maximum power transfer from host to peripheral.

☑ RoHS IEEE-1394 Firewire Cable, Type 1 - Type 1, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94-05M	IEEE-1394 Firewire Cable, Type 1 - Type 1, 0.5m	10.95	9.86	8.76	7.66	6.57
CSM94-1M	IEEE-1394 Firewire Cable, Type 1 - Type 1, 1.0m	12.45	11.21	9.96	8.71	7.47
CSM94-2M	IEEE-1394 Firewire Cable, Type 1 - Type 1, 2.0m	15.45	13.90	12.36	10.81	9.27
CSM94-3M	IEEE-1394 Firewire Cable, Type 1 - Type 1, 3.0m	18.45	16.61	14.76	12.91	11.07
CSM94-5M	IEEE-1394 Firewire Cable, Type 1 - Type 1, 5.0m	24.45	22.00	19.56	17.11	14.67

☑ RoHS IEEE-1394 Firewire Cable, Type 1 - Type 2, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94-05M2	IEEE-1394 Firewire Cable, Type 1 - Type 2, 0.5m	10.95	9.86	8.76	7.66	6.57
CSM94-1M2	IEEE-1394 Firewire Cable, Type 1 - Type 2, 1.0m	12.45	11.21	9.96	8.71	7.47
CSM94-2M2	IEEE-1394 Firewire Cable, Type 1 - Type 2, 2.0m	15.45	13.90	12.36	10.81	9.27
CSM94-3M2	IEEE-1394 Firewire Cable, Type 1 - Type 2, 3.0m	18.45	16.61	14.76	12.91	11.07
CSM94-5M2	IEEE-1394 Firewire Cable, Type 1 - Type 2, 5.0m	24.45	22.00	19.56	17.11	14.67

☑ RoHS IEEE-1394 Firewire Cable, Type 2 - Type 2, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94-05M3	IEEE-1394 Firewire Cable, Type 2 - Type 2, 0.5m	10.95	9.86	8.76	7.66	6.57
CSM94-1M3	IEEE-1394 Firewire Cable, Type 2 - Type 2, 1.0m	11.95	10.75	9.56	8.36	7.17
CSM94-2M3	IEEE-1394 Firewire Cable, Type 2 - Type 2, 2.0m	13.95	12.55	11.16	9.76	8.37
CSM94-3M3	IEEE-1394 Firewire Cable, Type 2 - Type 2, 3.0m	15.95	14.36	12.76	11.16	9.57
CSM94-5M3	IEEE-1394 Firewire Cable, Type 2 - Type 2, 5.0m	19.95	17.95	15.96	13.96	11.97

☑ RoHS IEEE-1394 Firewire Extension Cable, Type 1 Connectors, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94X-1M	IEEE-1394 Firewire Extension Cable, Type 1 - Type 1, 1.0m	13.95	12.55	11.16	9.76	8.37
CSM94X-2M	IEEE-1394 Firewire Extension Cable, Type 1 - Type 1, 2.0m	16.95	15.25	13.56	11.86	10.17
CSM94X-3M	IEEE-1394 Firewire Extension Cable, Type 1 - Type 1, 3.0m	19.95	17.95	15.96	13.96	11.97

IEEE-1394b Firewire Cable Assemblies - Transmission Rates to 800 Mbps

This version of Firewire cable assemblies utilizes a 9 position connector that is compliant with the IEEE-1394b standard. These cables can double the transmission rates of the traditional IEEE-1394a cable assemblies. Cable construction features two individually shielded 26 AWG data pairs plus two 22 AWG power conductors with an overall foil/braid shield and molded backshells. Color is Black.

☑ RoHS IEEE-1394b Firewire Cable, Type B - Type 1, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94B1-1M	IEEE-1394b Firewire Cable, Type B - Type 1, 1.0m	18.95	17.05	15.16	13.26	11.37
CSM94B1-2M	IEEE-1394b Firewire Cable, Type B - Type 1, 2.0m	22.95	20.66	18.36	16.06	13.77
CSM94B1-3M	IEEE-1394b Firewire Cable, Type B - Type 1, 3.0m	26.95	24.25	21.56	18.86	16.17
CSM94B1-5M	IEEE-1394b Firewire Cable, Type B - Type 1, 5.0m	34.95	31.46	27.96	24.46	20.97

☑ RoHS IEEE-1394b Firewire Cable, Type B - Type 2, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94B2-1M	IEEE-1394b Firewire Cable, Type B - Type 2, 1.0m	18.95	17.05	15.16	13.26	11.37
CSM94B2-2M	IEEE-1394b Firewire Cable, Type B - Type 2, 2.0m	22.95	20.66	18.36	16.06	13.77
CSM94B2-3M	IEEE-1394b Firewire Cable, Type B - Type 2, 3.0m	26.95	24.25	21.56	18.86	16.17
CSM94B2-5M	IEEE-1394b Firewire Cable, Type B - Type 2, 5.0m	34.95	31.46	27.96	24.46	20.97

☑ RoHS IEEE-1394b Firewire Cable, Type B - Type B, PVC Jacket, 30 Microinches Gold

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94BB-1M	IEEE-1394b Firewire Cable, Type B - Type B, 1.0m	18.95	17.05	15.16	13.26	11.37
CSM94BB-2M	IEEE-1394b Firewire Cable, Type B - Type B, 2.0m	22.95	20.66	18.36	16.06	13.77
CSM94BB-3M	IEEE-1394b Firewire Cable, Type B - Type B, 3.0m	26.95	24.25	21.56	18.86	16.17
CSM94BB-5M	IEEE-1394b Firewire Cable, Type B - Type B, 5.0m	34.95	31.46	27.96	24.46	20.97

☑ RoHS Waterproof IEEE-1394 Firewire Cable Assemblies - IP67 Rated, Male to Male or Male to Female

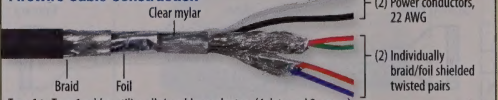
L-com now offers IP67 solutions for your harsh environment IEEE-1394 Firewire applications. These robust assemblies feature a specialized IP67 rated 6 position male or female connector on one end and a standard 6 pin male connector on the other end. These assemblies are perfect for applications where dust and moisture are prevalent and can be used to connect to enclosures, panels, or directly to peripherals or PCs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WP946PMM-2M	IEEE-1394 Waterproof Firewire Cable, Male / Male, 2.0m	20.00	19.60	18.80	17.60	15.00
WP946PMM-5M	IEEE-1394 Waterproof Firewire Cable, Male / Male, 5.0m	23.00	22.54	21.62	20.24	17.25
WP946PMF-05M	IEEE-1394 Waterproof Firewire Cable, Male / Female, 0.5m	18.50	18.13	17.39	16.28	13.88
WP946PMF-2M	IEEE-1394 Waterproof Firewire Cable, Male / Female, 2.0m	20.00	19.60	18.80	17.60	15.00
WP946PMF-5M	IEEE-1394 Waterproof Firewire Cable, Male / Female, 5.0m	23.00	22.54	21.62	20.24	17.25
WPUSB-CVR	Waterproof USB/Firewire Cover with Metal Lanyard	4.35	4.09	3.83	3.57	3.31
WPCVR-USB-1394	Waterproof USB/Firewire Cover with Rubber Lanyard	4.35	4.09	3.83	3.57	3.31
WPGASKET-13/16	EPDM Rubber Gasket for Housing Size 13/16, Pkg/10	2.25	2.07	1.89	1.71	1.53
WPNUT-13/16-28	Nut For WP Housing Size 13/16-28, Pkg/10	5.25	4.83	4.41	3.99	3.57

Tip *What is Firewire?*

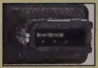
Firewire is an emerging high speed communication interconnect standard defined by IEEE-1394. It was originally developed to connect PCs to other PCs or to peripherals such as digital cameras, camcorders, scanners, etc. Current applications include automotive, telecom, data acquisition, aerospace and a host of others. An attractive advantage is devices are hot pluggable meaning live connection/disconnection without data loss or interruption.

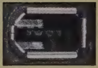
Firewire Cable Construction


Clear mylar
(2) Power conductors, 22 AWG
(2) Individually braid/foil shielded twisted pairs
Braid
Foil

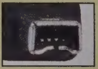
Type 1 to Type 1 cables utilize all six cable conductors (4 data and 2 power).
Type 1 to Type 2 cables utilize only the data conductors.

Connectors


Type 1 Plug


Type 1 Jack

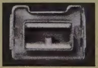
- Type 1 (6 position) connectors are typically located on computers and hubs.


Type 2 Plug

Type 2 Jack

- Type 2 (4 position) connectors are commonly found on peripheral devices.

Type B Plug


Type B Jack

- Type B (9 position) connectors are commonly found on computers and hubs.

> "Your ordering process was very simple to use. I quickly found and went to the express ordering because the instructor had given me the catalog numbers. I was impressed with how easy it was to navigate through your site. I'm a lab manager for an apprenticeship school and I do a lot of online ordering." - Marsha Easter, weca-iec.org

✓RoHS IEEE-1394 Firewire Latching Cable Assemblies, Type 1 – Type 1

These assemblies utilize L-com's CN1394L-1 latching Type 1/6 position connector on both ends of the cable. The latching connector provides mechanical retention to mating connectors providing a secure connection every time. It is easy to un-mate by depressing the release mechanism and supports Firewire 400 Mbps speeds. L-com can manufacture custom cable assemblies with low minimum quantity requirements and short lead times.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSM94L-05M	IEEE-1394 Firewire Latching Cable, Type 1 Male - Type 1 Male, 0.5m	18.45	18.08	17.71	17.34	16.97
CSM94L-1M	IEEE-1394 Firewire Latching Cable, Type 1 Male - Type 1 Male, 1.0m	19.95	19.55	19.15	18.75	18.35
CSM94L-2M	IEEE-1394 Firewire Latching Cable, Type 1 Male - Type 1 Male, 2.0m	22.95	22.49	22.03	21.57	21.11
CSM94L-3M	IEEE-1394 Firewire Latching Cable, Type 1 Male - Type 1 Male, 3.0m	25.95	25.43	24.91	24.39	23.87
CSM94L-5M	IEEE-1394 Firewire Latching Cable, Type 1 Male - Type 1 Male, 5.0m	31.95	31.31	30.67	30.03	29.39

✓RoHS IEEE-1394 Firewire Latching Male Connector, Type 1 (6 Position)

L-com's CN1394L-1 IEEE-1394 Firewire connector is a unique latching male connector that provides mechanical retention to mating connectors providing a secure connection. This latching connector is easy to un-mate by depressing the release mechanism and supports Firewire 400 Mbps speeds. L-com can manufacture custom cable assemblies using this connector with low minimum quantity requirements and short lead times. Or, do it yourself with these easy to solder connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CN1394L-1	IEEE-1394 Firewire Connector, Type 1 Male	10.95	10.29	9.64	8.98	8.32

✓RoHS IEEE-1394 Firewire Adapters - Molded and Fully Shielded

These adapters allow conversion from IEEE-1394 Type 1 (6 pin) to Type 2 (4 pin) and vice versa. Two versions are offered to solve mismatched Firewire connector combinations. Featuring a durable fully molded design with internal shielding that protects signals from EMI/RFI interference.

Item #	Description	1-9	10-24	25-99	100-249	250-499
FWA010FM	IEEE-1394 Firewire Adapter, Type 1 Female - Type 2 Male	6.50	5.98	5.46	4.94	4.42
FWA011MF	IEEE-1394 Firewire Adapter, Type 1 Male - Type 2 Female	6.50	5.98	5.46	4.94	4.42

✓RoHS IEEE-1394 Firewire Shielded Panel Mount Couplers, Type 1 Connectors

This coupler provides a practical and cost effective way to feed Firewire cables through a panel or enclosure. A unique mounting flange makes these units usable in virtually any panel thickness. Features two Type 1 (6 position) female connectors and metal housing. Recommended 4-40 mounting screws must be purchased separately.

Item #	Description	1-9	10-24	25-99	100-249	250-499
ECF504-94MS	IEEE-1394 Firewire Shielded Coupler, Type 1 Connectors	8.95	8.77	8.41	7.88	6.71
ECF440	Machine Screws, 4-40 x 5/16", Pkg/100	4.35	4.00	3.65	3.31	2.96

✓RoHS IEEE-1394 Firewire Connector Covers, 6 and 4 Position - Protect Unused Ports, Pkg/10

These covers are perfect for protecting unused female ports in our panel mount couplers or any expensive equipment from physical damage, dirt and dust. Made from soft ABS, these covers attach easily and stay in place with a snug friction fit. Color is Black.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CAP1394-4P	IEEE-1394 Firewire Protective Cover for Type 2 Jacks, Pkg/10	6.50	5.98	5.46	4.94	4.42
CAP1394-6P	IEEE-1394 Firewire Protective Cover for Type 1 Jacks, Pkg/10	6.50	5.98	5.46	4.94	4.42

Gefen IEEE-1394a/b Firewire Repeaters

The GFN-FW-141/2 Firewire Repeaters work by repeating the Firewire signal and doubling the distance of any Firewire Cable. These units enable Firewire devices to be placed far from the computer for those applications which require long distance connectivity. The Firewire Repeater is placed at the end of each Firewire cable; you can use any combination of Firewire extension cables to extend up to 250 ft. Features include transfer rates of 100/200/400 and up to 800 Mbps using the GFN-FW-142, compliant with IEEE-1394.a & b Standards, shielded plastic case and a manufacturer's 1-year warranty.

Item #	Description	List Price
GFN-FW-141	Gefen IEEE-1394 Firewire Repeater	79.00
GFN-FW-142	Gefen IEEE-1394 Firewire Repeater 800	99.00

Zonet 3+1 Port IEEE-1394 Firewire PCI Card

The Zonet ZFN2601 provides an economical and easy way to add three IEEE 1394 Firewire ports to your PC. This versatile PCI card supports Serial Bus data rates of 100, 200, and 400 Mbps. Plug and play installation insures fast access to your Firewire devices. Great for connecting DV Camcorders, scanners external hard drives, and other Firewire peripherals. Includes a manufacturers 1-year warranty.

Item #	Description	List Price
ZFN2601	Zonet 3+1 Port IEEE-1394 Firewire PCI Card	19.75

Zonet 4 Port USB 2.0/2 Port Firewire PCI Combo Card

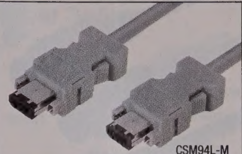
The ZN-ZUC2401 is a flexible and versatile PCI card featuring three USB 2.0 and 2 IEEE-1394 Firewire ports to your PC. This easy to install, Plug and Play PCI card supports USB data rates of 1.5/12/480 Mbps as well as Firewire data speeds of 100/200/400 Mbps. Windows 98SE/ME/2000/XP/Vista operating systems are supported. Includes a manufacturer's 1-year warranty.

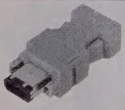
Item #	Description	List Price
ZN-ZUC2401	Zonet 4 Port USB 2.0 / 2 Port Firewire PCI Combo Card	39.00

Zonet 3 Port IEEE-1394 Firewire 32-Bit CardBus Type-II PC Card

The ZN-ZUN2300 is a 32-Bit CardBus Type-II PC Card that provides three IEEE-1394 Firewire ports. This PC Card can be used to add three Firewire ports to your Laptop's CardBus Type-II slot. Plug and Play installation insures easy installation. Includes a 1-year manufacturer's warranty and supports Windows 98SE/Me/2000/XP.

Item #	Description	List Price
ZN-ZUN2300	Zonet 3 Port IEEE-1394 Firewire 32-Bit CardBus Type-II PC Card	35.00


CSM94L-M

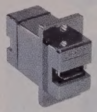

CN1394L-1

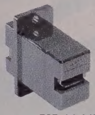
FWA010FM
(Front view)

FWA010FM
(Rear view)

FWA011MF
(Front view)

FWA011MF
(Rear view)


ECF504-94MS
(Front view)

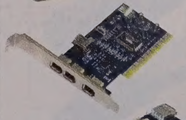

ECF504-94MS
(Rear view)

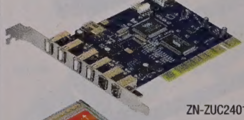
CAP1394-4P

CAP1394-6P

GFN-FW-141

GFN-FW-142


ZFN2601


ZN-ZUC2401

ZN-ZUN2300

We want to help you!
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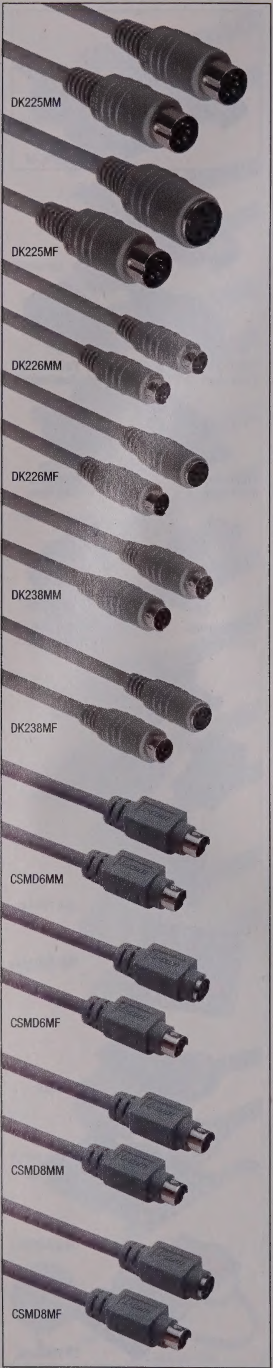
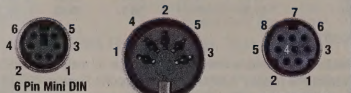
and videos at L-com.com/Tips



DIN and Mini DIN Cables for Computer Keyboards, Mice and Other Uses

These Premium DK Series are the finest DIN/Mini DIN cables on the market. As the illustration reveals, the painstaking attention to detail beneath the surface makes the difference. All DK cables listed are wired straight-thru, fully populated, double shielded (copper braid and aluminum mylar), 24 AWG and fully over molded. Color: Gray.

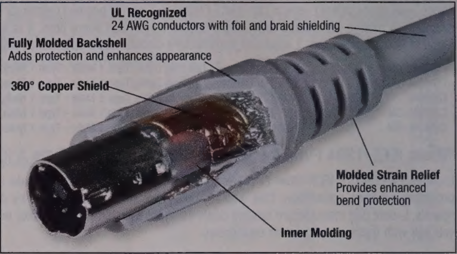
Common DIN and Mini DIN Jack Uses



6 Pin Mini DIN
PS/2 Keyboards
and Mice

5 Pin DIN
AT Keyboards

8 Pin Mini DIN
Macintosh
Peripherals


UL Recognized
24 AWG conductors with foil and braid shielding
Fully Molded Backshell
Adds protection and enhances appearance
360° Copper Shield
Molded Strain Relief
Provides enhanced bend protection
Inner Molding

RoHS Premium DIN 5 Cables - Fully Populated - Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
DK225MM-3	Molded Cable, DIN 5 Male / Male, 3.0ft (0.9m)	6.75	6.34	5.94	5.54	5.13
DK225MM-6	Molded Cable, DIN 5 Male / Male, 6.0ft (1.8m)	9.75	9.16	8.58	8.00	7.41
DK225MM-10	Molded Cable, DIN 5 Male / Male, 10.0ft (3.0m)	13.75	12.92	12.10	11.28	10.45
DK225MM-20	Molded Cable, DIN 5 Male / Male, 20.0ft (6.0m)	23.75	22.32	20.90	19.48	18.05
DK225MM-25	Molded Cable, DIN 5 Male / Male, 25.0ft (7.6m)	28.75	27.02	25.30	23.58	21.85
DK225MF-3	Molded Extension Cable, DIN 5, Male / Female, 3.0ft (0.9m)	6.75	6.34	5.94	5.54	5.13
DK225MF-6	Molded Extension Cable, DIN 5, Male / Female, 6.0ft (1.8m)	9.75	9.16	8.58	8.00	7.41
DK225MF-10	Molded Extension Cable, DIN 5, Male / Female, 10.0ft (3.0m)	13.75	12.92	12.10	11.28	10.45
DK225MF-20	Molded Extension Cable, DIN 5, Male / Female, 20.0ft (6.0m)	23.75	22.32	20.90	19.48	18.05
DK225MF-25	Molded Extension Cable, DIN 5, Male / Female, 25.0ft (7.6m)	28.75	27.02	25.30	23.58	21.85

RoHS Premium Mini DIN 6 Cables - Fully Populated - Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
DK226MM-1	Molded Cable, Mini DIN 6 Male / Male, 1.0ft (0.3m)	6.95	6.53	6.12	5.70	5.28
DK226MM-2	Molded Cable, Mini DIN 6 Male / Male, 2.0ft (0.6m)	7.95	7.47	7.00	6.52	6.04
DK226MM-3	Molded Cable, Mini DIN 6 Male / Male, 3.0ft (0.9m)	8.95	8.41	7.88	7.34	6.80
DK226MM-6	Molded Cable, Mini DIN 6 Male / Male, 6.0ft (1.8m)	11.95	11.23	10.52	9.80	9.08
DK226MM-10	Molded Cable, Mini DIN 6 Male / Male, 10.0ft (3.0m)	15.95	14.99	14.04	13.08	12.12
DK226MM-15	Molded Cable, Mini DIN 6 Male / Male, 15.0ft (4.6m)	20.95	19.69	18.44	17.18	15.92
DK226MM-20	Molded Cable, Mini DIN 6 Male / Male, 20.0ft (6.0m)	25.95	24.39	22.84	21.28	19.72
DK226MM-25	Molded Cable, Mini DIN 6 Male / Male, 25.0ft (7.6m)	30.95	29.09	27.24	25.38	23.52
DK226MF-3	Molded Extension Cable, Mini DIN 6 Male / Female, 3.0ft (0.9m)	8.95	8.41	7.88	7.34	6.80
DK226MF-6	Molded Extension Cable, Mini DIN 6 Male / Female, 6.0ft (1.8m)	11.95	11.23	10.52	9.80	9.08
DK226MF-10	Molded Extension Cable, Mini DIN 6 Male / Female, 10.0ft (3.0m)	15.95	14.99	14.04	13.08	12.12
DK226MF-15	Molded Extension Cable, Mini DIN 6 Male / Female, 15.0ft (4.6m)	20.95	19.69	18.44	17.18	15.92
DK226MF-20	Molded Extension Cable, Mini DIN 6 Male / Female, 20.0ft (6.0m)	25.95	24.39	22.84	21.28	19.72
DK226MF-25	Molded Extension Cable, Mini DIN 6 Male / Female, 25.0ft (7.6m)	30.95	29.09	27.24	25.38	23.52

RoHS Premium Mini DIN 8 Cables - Fully Populated - Double Shielded

Item #	Description	1-9	10-24	25-99	100-249	250-499
DK238MM-1	Molded Cable, Mini DIN 8 Male / Male, 1.0ft (0.3m)	8.70	8.18	7.66	7.13	6.61
DK238MM-2	Molded Cable, Mini DIN 8 Male / Male, 2.0ft (0.6m)	9.70	9.12	8.54	7.95	7.37
DK238MM-3	Molded Cable, Mini DIN 8 Male / Male, 3.0ft (0.9m)	10.70	10.06	9.42	8.77	8.13
DK238MM-6	Molded Cable, Mini DIN 8 Male / Male, 6.0ft (1.8m)	13.70	12.88	12.06	11.23	10.41
DK238MM-10	Molded Cable, Mini DIN 8 Male / Male, 10.0ft (3.0m)	17.70	16.64	15.58	14.51	13.45
DK238MM-15	Molded Cable, Mini DIN 8 Male / Male, 15.0ft (4.6m)	22.70	21.34	19.98	18.61	17.25
DK238MM-20	Molded Cable, Mini DIN 8 Male / Male, 20.0ft (6.0m)	27.70	26.04	24.38	22.71	21.05
DK238MM-25	Molded Cable, Mini DIN 8 Male / Male, 25.0ft (7.6m)	32.70	30.74	28.78	26.81	24.85
DK238MF-3	Molded Extension Cable, Mini DIN 8 Male / Female, 3.0ft (0.9m)	10.70	10.06	9.42	8.77	8.13
DK238MF-6	Molded Extension Cable, Mini DIN 8 Male / Female, 6.0ft (1.8m)	13.70	12.88	12.06	11.23	10.41
DK238MF-10	Molded Extension Cable, Mini DIN 8 Male / Female, 10.0ft (3.0m)	17.70	16.64	15.58	14.51	13.45
DK238MF-15	Molded Extension Cable, Mini DIN 8 Male / Female, 15.0ft (4.6m)	22.70	21.34	19.98	18.61	17.25
DK238MF-20	Molded Extension Cable, Mini DIN 8 Male / Female, 20.0ft (6.0m)	27.70	26.04	24.38	22.71	21.05
DK238MF-25	Molded Extension Cable, Mini DIN 8 Male / Female, 25.0ft (7.6m)	32.70	30.74	28.78	26.81	24.85

Economy Mini DIN Cables - Shielded, Molded, Fully Populated

These cables provide an economical choice suitable for many applications and are comparable with most cables on the market. Available with Mini DIN 6 or 8 position connectors. Construction features durable PVC mold, 28 AWG conductors and 360 degree foil shield. Color: Gray.

RoHS Economy Mini DIN 6 Cables - Male to Male and Male to Female

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMD6MM-3	Economy Molded Cable, Mini DIN 6 Male / Male, 3.0ft (0.9m)	4.45	4.18	3.92	3.65	3.38
CSMD6MM-6	Economy Molded Cable, Mini DIN 6 Male / Male, 6.0ft (1.8m)	5.50	5.17	4.84	4.51	4.18
CSMD6MM-10	Economy Molded Cable, Mini DIN 6 Male / Male, 10.0ft (3.0m)	6.90	6.49	6.07	5.66	5.24
CSMD6MM-25	Economy Molded Cable, Mini DIN 6 Male / Male, 25.0ft (7.6m)	12.15	11.42	10.69	9.96	9.23
CSMD6MF-3	Economy Molded Cable, Mini DIN 6 Male / Female, 3.0ft (0.9m)	4.45	4.18	3.92	3.65	3.38
CSMD6MF-6	Economy Molded Cable, Mini DIN 6 Male / Female, 6.0ft (1.8m)	5.50	5.17	4.84	4.51	4.18
CSMD6MF-10	Economy Molded Cable, Mini DIN 6 Male / Female, 10.0ft (3.0m)	6.90	6.49	6.07	5.66	5.24
CSMD6MF-25	Economy Molded Cable, Mini DIN 6 Male / Female, 25.0ft (7.6m)	12.15	11.42	10.69	9.96	9.23

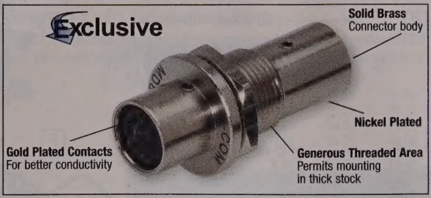
RoHS Economy Mini DIN 8 Cables - Male to Male and Male to Female

Item #	Description	1-9	10-24	25-99	100-249	250-499
CSMD8MM-3	Economy Molded Cable, Mini DIN 8 Male / Male, 3.0ft (0.9m)	5.60	5.26	4.93	4.59	4.26
CSMD8MM-6	Economy Molded Cable, Mini DIN 8 Male / Male, 6.0ft (1.8m)	7.10	6.67	6.25	5.82	5.40
CSMD8MM-10	Economy Molded Cable, Mini DIN 8 Male / Male, 10.0ft (3.0m)	9.10	8.55	8.01	7.46	6.92
CSMD8MM-25	Economy Molded Cable, Mini DIN 8 Male / Male, 25.0ft (7.6m)	16.60	15.60	14.61	13.61	12.62
CSMD8MF-3	Economy Molded Cable, Mini DIN 8 Male / Female, 3.0ft (0.9m)	5.60	5.26	4.93	4.59	4.26
CSMD8MF-6	Economy Molded Cable, Mini DIN 8 Male / Female, 6.0ft (1.8m)	7.10	6.67	6.25	5.82	5.40
CSMD8MF-10	Economy Molded Cable, Mini DIN 8 Male / Female, 10.0ft (3.0m)	9.10	8.55	8.01	7.46	6.92
CSMD8MF-25	Economy Molded Cable, Mini DIN 8 Male / Female, 25.0ft (7.6m)	16.60	15.60	14.61	13.61	12.62

"Just wanted to comment on the excellent catalog. I find it very informative and helpful. It's good to see usage descriptions right there in the catalog." - Farren C.

DIN and Mini DIN Adapters and Connectors

These adapters are an L-com exclusive. Useful in many applications including S-video, computer mice, keyboards and instrumentation. A unique design permits easy mounting in standard size 0.5" (1.3cm) and 0.75" (1.9cm) circular or D shaped openings allowing the use of common punch tooling. Adapter bodies are machined from solid brass. Bright nickel plating provides corrosion resistance and a quality appearance. Gold plated contacts ensure reliable connections. Custom versions will be considered with modest minimums, please contact our Sales Group for assistance.



RoHS DIN and Mini DIN Feed-thru Adapters - Panel and Wall Plate Mountable

These exclusive adapters offer a unique design suitable for panel mounting DIN and Mini DIN adapters. Female-Female gender.

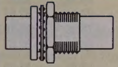
Item #	Description	1-9	10-24	25-99	100-249	250-499
MD44FF	Feed-Thru Adapter, Mini DIN 4, Female / Female	8.35	7.68	7.01	6.35	5.68
MD66FF	Feed-Thru Adapter, Mini DIN 6, Female / Female	8.65	7.96	7.27	6.57	5.88
MD88FF	Feed-Thru Adapter, Mini DIN 8, Female / Female	8.95	8.23	7.52	6.80	6.09
DD55F	Feed-Thru Adapter, DIN 5, Female / Female	8.95	8.23	7.52	6.80	6.09

RoHS Mini DIN Bulkhead Jack to Flying Leads

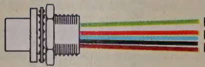
Machined adapters utilize 4, 6 or 8 26 AWG color coded wires for chassis termination.

Item #	Description	1-9	10-24	25-99	100-249	250-499
MD44FJF	Mini DIN 4 Bulkhead Jack / Leads, Front Mount	9.35	8.60	7.85	7.11	6.36
MD66FJF	Mini DIN 6 Bulkhead Jack / Leads, Front Mount	9.65	8.88	8.11	7.33	6.56
MD88FJF	Mini DIN 8 Bulkhead Jack / Leads, Front Mount	9.95	9.15	8.36	7.56	6.77
MD44FJR	Mini DIN 4 Bulkhead Jack / Leads, Rear Mount	9.35	8.60	7.85	7.11	6.36
MD66FJR	Mini DIN 6 Bulkhead Jack / Leads, Rear Mount	9.65	8.88	8.11	7.33	6.56
MD88FJR	Mini DIN 8 Bulkhead Jack / Leads, Rear Mount	9.95	9.15	8.36	7.56	6.77

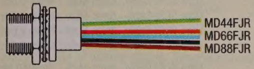
Mini DIN Bulkhead Adapter Styles



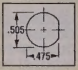
Jack to Jack



Jack to Wired Front Mount



Jack to Wired Rear Mount



Mini DIN Bulkhead Panel Opening

RoHS Mini DIN 6 and 8 Gender Changers

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB536F	Gender Changer, Mini DIN 6 Female / Female	3.95	3.63	3.32	3.00	2.69
DMB538F	Gender Changer, Mini DIN 8 Female / Female	3.95	3.63	3.32	3.00	2.69

RoHS PS/2 Keyboard Adapters - Use to Interface AT Keyboard with IBM PS/2 Computer

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB530	PS/2 Keyboard Adapter, Mini DIN 6 Male / DIN 5 Female	5.95	5.47	5.00	4.52	4.05
DMB530R	PS/2 Keyboard Adapter, Mini DIN 6 Female / DIN 5 Male	5.95	5.47	5.00	4.52	4.05

RoHS Premium Mini DIN 6 Y Cable - Fully Populated - Double Shielded - Male to (2) Female

Item #	Description	1-9	10-24	25-99	100-249	250-499
K23-MDY	Molded Y Cable, Mini DIN 6 Male / 2 Mini DIN 6 Female, 1.25 ft	7.95	7.31	6.68	6.04	5.41

RoHS DIN 5 to Mini DIN 6 Adapter Cable

Item #	Description	1-9	10-24	25-99	100-249	250-499
K23-642	Molded Cable, DIN 5 Female / Mini DIN 6 Male, 0.67 ft	5.55	5.11	4.66	4.22	3.77

RoHS PS/2 Keyboard Adapters

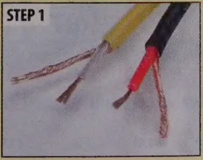
Item #	Description	1-9	10-24	25-99	100-249	250-499
K23-645	Generic Adapter, DB9 Female / Mini DIN 6 Female	6.95	6.39	5.84	5.28	4.73
K23-646	Generic Adapter, DB9 Male / Mini DIN 6 Male	6.95	6.39	5.84	5.28	4.73
K23-647	Enhanced Adapter, DB9 Female / Mini DIN 6 Female	6.95	6.39	5.84	5.28	4.73

RoHS Mini DIN 4 - S-Video Jack for Field Termination

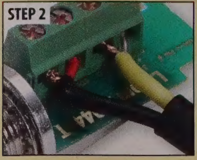
The MD44FT Field Termination Mini DIN 4 Female jack offers a quick and easy field termination using common tools. Terminal blocks with set screws ensure reliable electrical connections. The terminal block area is clearly marked making field termination virtually foolproof. This unit is designed to fit common 0.5" circular or D style openings. The undercut PCB area provides a convenient area to secure a cable tie wrap resulting in a neat dressing for the terminated cable. Custom configurations will be considered with modest minimums.

Item #	Description	1-9	10-24	25-99	100-249	250-499
MD44FT	Mini DIN 4 Female Field Termination Jack	7.25	6.67	6.09	5.51	4.93

Tip *Typical installation of an MD44FT field installable jack*

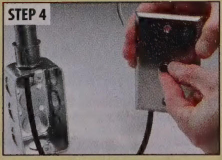


Prepare coaxial lines.



Insert center conductors, shields and tighten set screws.

Secure cable with cable tie to connector.



Attach to faceplate and install.

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

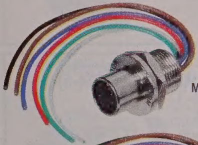
Best Seller

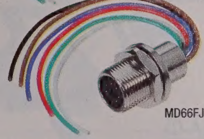
MD44FF

MD66FF

MD88FF

DD55F


MD66FJF

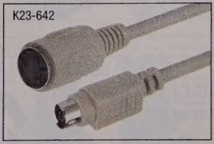

MD66FJR

Did you know...
Mini DIN 4 and S-Video are the same interface?

DMB538F

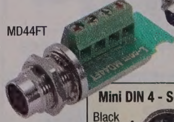
DMB530

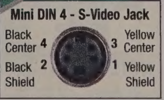
K23-MDY


K23-642

K23-646

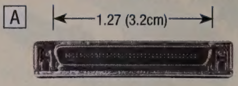
MD44FT



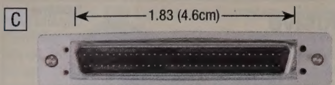


Mini DIN 4 - S-Video Jack

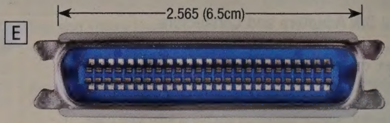
Codes for SCSI Connector Ends



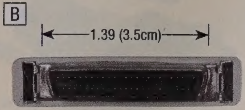
.8mm Male



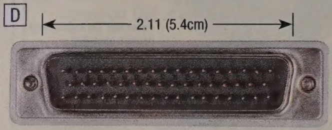
HPDB68 Male



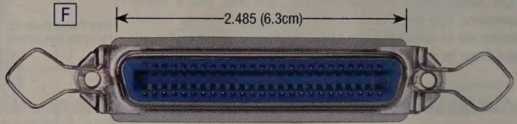
CN50 Male



HPDB50 Male



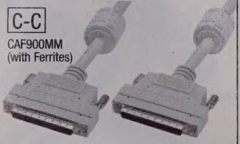
DB50 Male



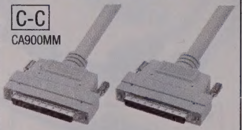
CN50 Female

Ultra SCSI (SCSI-5)

Premium Grade SCSI-3



Standard Grade SCSI-3



LSZH SCSI-3

New

TS-SCSI3

NOTE: All cable lengths are in meters.
1m = 3.28 ft

Small Computer System Interface (SCSI) Products

Developed as a general purpose data transfer system, the Small Computer System Interface or SCSI standard is most known for connecting data storage devices such as hard drives. L-com carries the four common connector styles for this system to allow easy interconnection of all your SCSI equipment. The above connector guide will help you select the correct connector for each application. Contact us today for all your SCSI cabling needs.

✓RoHS Ultra SCSI (SCSI-5) Cables with .8mm Pitch High-Density Connectors, Offset Backshells

Many SCSI devices now utilize the VHDCI (Very High Density Cable Interconnect) standard. The high performance standard and the mechanical precision of this connector system make workmanship absolutely critical. L-com has fulfilled this requirement with three popular connector combinations. All .8mm connectors utilize offset backshells for applications requiring two side-by-side ports. Special versions will be considered with modest minimums.

Item #	Description	# Prs	Code	1-9	10-24	25-99
CA2000MM-05M	Ultra SCSI Cable, .8mm Male / Male, 0.5m	34	A-A	67.95	66.59	63.87
CA2000MM-1M	Ultra SCSI Cable, .8mm Male / Male, 1.0m	34	A-A	71.95	70.51	67.63
CA2000MM-2M	Ultra SCSI Cable, .8mm Male / Male, 2.0m	34	A-A	79.95	78.35	75.15
CA2000MM-3M	Ultra SCSI Cable, .8mm Male / Male, 3.0m	34	A-A	87.95	86.19	82.67
CA2051MM-05M	Ultra SCSI Cable, .8mm Male / HPDB50 Male, 0.5m	25	A-B	54.95	53.85	51.65
CA2051MM-1M	Ultra SCSI Cable, .8mm Male / HPDB50 Male, 1.0m	25	A-B	58.95	57.77	55.41
CA2051MM-2M	Ultra SCSI Cable, .8mm Male / HPDB50 Male, 2.0m	25	A-B	66.95	65.61	62.93
CA2051MM-3M	Ultra SCSI Cable, .8mm Male / HPDB50 Male, 3.0m	25	A-B	74.95	73.45	70.45
CA2060MM-05M	Ultra SCSI Cable, .8mm Male / HPDB68 Male, 0.5m	34	A-C	59.95	58.75	56.35
CA2060MM-1M	Ultra SCSI Cable, .8mm Male / HPDB68 Male, 1.0m	34	A-C	63.95	62.67	60.11
CA2060MM-2M	Ultra SCSI Cable, .8mm Male / HPDB68 Male, 2.0m	34	A-C	71.95	70.51	67.63
CA2060MM-3M	Ultra SCSI Cable, .8mm Male / HPDB68 Male, 3.0m	34	A-C	79.95	78.35	75.15

✓RoHS Premium Grade SCSI-3 Cables with Ferrite Cores - Reduce Noise Problems

Frequent OEM requests have prompted us to add a premium SCSI-3 cable utilizing ferrite cores to the line. Molded ferrites reduce radiated emissions and undesirable currents within the shield. These cables can be helpful in passing today's tough emissions standards.

Item #	Description	# Prs	Code	1-9	10-24	25-99
CAF900MM-05M	SCSI-3 Cable, HPDB68 Male / Male with Ferrites, 0.5m	34	C-C	46.45	42.73	39.02
CAF900MM-1M	SCSI-3 Cable, HPDB68 Male / Male with Ferrites, 1.0m	34	C-C	50.95	46.87	42.80
CAF900MM-2M	SCSI-3 Cable, HPDB68 Male / Male with Ferrites, 2.0m	34	C-C	59.95	55.15	50.36
CAF900MM-3M	SCSI-3 Cable, HPDB68 Male / Male with Ferrites, 3.0m	34	C-C	68.95	63.43	57.92

✓RoHS Standard Grade SCSI-3 Cables - Fully Molded and Shielded

All SCSI-3 cables are fully populated with 34 twisted pairs. The high density DB68 connectors utilize 2-56 threaded screws for mounting.

Item #	Description	# Prs	Code	1-9	10-24	25-99
CA900MM-05M	SCSI-3 Cable, HPDB68 Male / Male, 0.5m	34	C-C	34.45	31.69	28.94
CA900MM-1M	SCSI-3 Cable, HPDB68 Male / Male, 1.0m	34	C-C	38.95	35.83	32.72
CA900MM-2M	SCSI-3 Cable, HPDB68 Male / Male, 2.0m	34	C-C	47.95	44.11	40.28

✓RoHS Low Smoke Zero Halogen SCSI-3 Cable Assemblies

These cables meet the requirements of SCSI-3 systems. The high density DB68 SCSI connectors use 2-56 threaded thumbscrews for mounting. Cable assembly construction features 30 microinch gold plated copper alloy contacts, die cast zinc alloy hoods, 28 AWG polypropylene insulated conductors, foil/braid shield and a LSZH outer jacket. Color is Black. L-com will manufacture custom cable assemblies with modest minimum requirements.

Item #	Description	# Prs	Code	1-9	10-24	25-99
CAUZ900MM-1M	LSZH SCSI-3 Cable, HPDB68 Male / Male, 1.0m	34	C-C	84.95	78.15	71.36
CAUZ900MM-2M	LSZH SCSI-3 Cable, HPDB68 Male / Male, 2.0m	34	C-C	99.95	91.95	83.96
CAUZ900MM-3M	LSZH SCSI-3 Cable, HPDB68 Male / Male, 3.0m	34	C-C	114.95	105.75	96.56

✓RoHS 2-56 SCSI-3 Replacement Thumbscrews, Pkg/10

These thumbscrews are designed for all L-com's molded SCSI-3/HPDB68 cable assemblies - CAF900MM, CA900MM and CA2060MM. Material is steel with nickel finish.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TS-SCSI3	2-56 SCSI-3 Replacement Thumbscrews, Pkg/10	4.10	3.85	3.61	3.36	3.12

L-com Global Connectivity

Informative e-mail newsletters
Our newsletters are packed with tips, tutorials, product info and downloads! L-com.com/Newsletter

✓RoHS SCSI-2 Computer Cables - Molded, Shielded and Compatible with Differential SCSI-2

These differential SCSI-2 cables utilize 25 twisted pair cable and half pitch DB50 connectors, standard DB50 connectors and 50 position Centronics connectors. Half pitch connector housings connect via spring locking latches. All cables are fully molded and have foil and copper braid shielding. Lengths are measured in meters.

Item #	Description	Code	1-9	10-24	25-99
CA801-05M	SCSI-2 Molded Cable HPDB50 Male / Male, 0.5m	B-B	19.95	18.35	16.76
CA801-1M	SCSI-2 Molded Cable HPDB50 Male / Male, 1.0m	B-B	23.95	22.03	20.12
CA801-2M	SCSI-2 Molded Cable HPDB50 Male / Male, 2.0m	B-B	31.95	29.39	26.84
CA801-3M	SCSI-2 Molded Cable HPDB50 Male / Male, 3.0m	B-B	39.95	36.75	33.56
CA800-05M	SCSI-2 Molded Cable HPDB50 Male / CN50 Male, 0.5m	B-E	18.95	17.43	15.92
CA800-1M	SCSI-2 Molded Cable HPDB50 Male / CN50 Male, 1.0m	B-E	22.95	21.11	19.28
CA800-2M	SCSI-2 Molded Cable HPDB50 Male / CN50 Male, 2.0m	B-E	30.95	28.47	26.00
CA800-3M	SCSI-2 Molded Cable HPDB50 Male / CN50 Male, 3.0m	B-E	38.95	35.83	32.72
CA805-05M	SCSI-2 Molded Cable HPDB50 Male / DB50 Male, 0.5m	B-D	20.95	19.27	17.60
CA805-1M	SCSI-2 Molded Cable HPDB50 Male / DB50 Male, 1.0m	B-D	24.95	22.95	20.96
CA805-2M	SCSI-2 Molded Cable HPDB50 Male / DB50 Male, 2.0m	B-D	32.95	30.31	27.68

✓RoHS Differential SCSI-1 Cables - Fully Populated, 25 Twisted Pairs, Molded and Shielded

These differential SCSI-1 cables are built to the 25 pair standard used with most SCSI-1 equipment. The differential interface on the equipment allows longer distances to be achieved by sending information simultaneously along two pairs of wires. DB50 and CN50 cables are fully molded and utilize 26 AWG twisted pairs with foil shielding throughout. Cable length is measured in meters.

Item #	Description	Code	1-9	10-24	25-99
CA751MM-05M	SCSI-1 Molded Cable, CN50 Male / Male, 0.5m	E-E	28.95	28.37	27.21
CA751MM-1M	SCSI-1 Molded Cable, CN50 Male / Male, 1.0m	E-E	35.95	35.23	33.79
CA751MM-2M	SCSI-1 Molded Cable, CN50 Male / Male, 2.0m	E-E	49.95	48.95	46.95
CA751MM-3M	SCSI-1 Molded Cable, CN50 Male / Male, 3.0m	E-E	63.95	62.67	60.11
CA751MM-5M	SCSI-1 Molded Cable, CN50 Male / Male, 5.0m	E-E	91.95	90.11	86.43
CA751MM-10M	SCSI-1 Molded Cable, CN50 Male / Male, 10.0m	E-E	161.95	158.71	152.23
CA752MF-1M	SCSI-1 Molded Cable, CN50 Male / Female, 1.0m	E-F	36.00	35.28	33.84
CA752MF-2M	SCSI-1 Molded Cable, CN50 Male / Female, 2.0m	E-F	50.00	49.00	47.00
CA752MF-3M	SCSI-1 Molded Cable, CN50 Male / Female, 3.0m	E-F	64.00	62.72	60.16
CA752MF-5M	SCSI-1 Molded Cable, CN50 Male / Female, 5.0m	E-F	92.00	90.16	86.48
CA752MF-10M	SCSI-1 Molded Cable, CN50 Male / Female, 10.0m	E-F	162.00	158.76	152.28

✓RoHS SCSI Gender Changers and Adapters

Several models are now offered to satisfy most common applications. Gender changers allow mating of similar cables. Adapters allow the user to match various SCSI cable systems.

Item #	Description	Code	1-9	10-24	25-99
DGB50F	Gender Changer, DB50 Female / Female		10.95	9.86	8.76
DGB50M	Gender Changer, DB50 Male / Male		10.95	9.86	8.76
DGC50F	50 Pin Gender Changer, CN50 Female / Female		10.95	9.86	8.76
DGC50M	50 Pin Gender Changer, CN50 Male / Male		10.95	9.86	8.76
CAA808FF	Gender Changer, SCSI-2 HPDB50 Female / Female		17.95	16.87	15.80
CAGC900FF	Gender Changer, SCSI-3 HPDB68 Female / Female		24.95	23.45	21.96
CAA910MF	SCSI Adapter, CN50 Male / HPDB50 Female		28.95	27.21	25.48
CAA908MF	SCSI Adapter, HPDB68 Male / HPDB50 Female		29.95	28.15	26.36
CAA908FF	SCSI Adapter, HPDB68 Female / HPDB50 Female		29.95	28.15	26.36
CAA261MF	SCSI Adapter, .8mm CN68 Male / HPDB68 Female		39.95	37.55	35.16

✓RoHS SCSI Terminators - Compensate for Inherent Impedance Mismatches on SCSI Bus

Terminators plug into the first and last device on the SCSI bus to match the impedance of the cable to minimize reflected signals. Active terminators add a voltage regulator to the circuit which allows a consistent signal to be transmitted everywhere on the bus.

Item #	Description	Code	1-9	10-24	25-99
CA902	SCSI-3 Terminator, HPDB68 Male, Active, 2-56 Thumbscrews		22.50	21.15	19.80

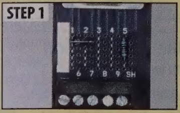
Interface Modules - DIN Rail Mountable, with Shielded D-Sub and RJ45 Connectors

These DIN rail mountable interface modules feature a unique series of plated through holes that allow for the insertion of electronic components inline or across any circuit. Modules are available with shielded DB9, DB15, DB25, DB37 and DB50 female connectors. Also listed is a shielded RJ45 jack version. Terminal block connectors accept 26-12 AWG wire, are easily terminated and do not require crimp ferrules. Please inquire on any custom modifications required.

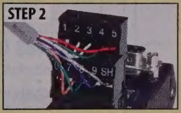
Item #	Description	1-9	10-24	25-99	100-249	250-499
RBMIDB09F	Interface Module, DB9 Female	55.00	53.90	52.80	51.70	50.60
RBMIDB15F	Interface Module, DB15 Female	62.00	60.76	59.52	58.28	57.04
RBMIDB25F	Interface Module, DB25 Female	72.00	70.56	69.12	67.68	66.24
RBMIDB37F	Interface Module, DB37 Female	85.00	83.30	81.60	79.90	78.20
RBMIDB50F	Interface Module, DB50 Female	140.00	137.20	134.40	131.60	128.80
RBMIRJ45F	Interface Module, RJ45 Jack	50.00	49.00	48.00	47.00	46.00

Tip

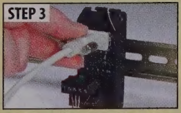
Interface module assembly example



1. Prepare component leads and insert into the desired positions.



2. Strip wire leads approximately 0.3". Insert stripped wire leads into desired positions and tighten terminal block screws.



3. Slide interface module onto DIN rail. Plug cable assembly into interface module connector and secure cable hardware to interface module threaded inserts.

To see our entire product offering
go to...L-com.com

SCSI-2

B-B
CA801

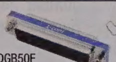
B-E
CA800

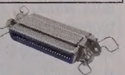
B-D
CA805

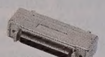
Differential SCSI-1

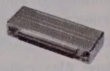
E-E
CA751MM

E-F
CA752MF


DGB50F


DGC50F


CAA808FF


CAGC900FF

CAA910MF

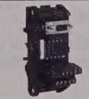
CAA908MF

CAA908FF

CAA261MF

CA902 (front view)

CA902 (rear view)


RBMIDB09F

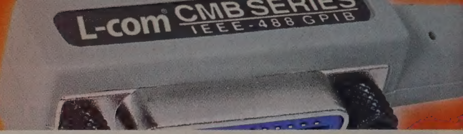
RBMIDB15F

RBMIDB37F

RBMIDB25F

RBMIRJ45F

L-com® Global Connectivity



IEEE-488 GPIB Tutorial

What are GPIB cables?

GPIB cables consist of 24 twisted pairs of copper wire and utilize a Centronics 24 style male/female connector.

How are GPIB cables used?

They are used in a bus or star architecture where the connectors "piggy back" each other and then connect primarily test and measurement equipment to PCs and other devices.

Where are GPIB cables used?

GPIB cables are typically used in test and measurement applications and are also used in DAQ (data acquisition) applications.

IEEE-488 Cabling Terms

Adapter: A device used to interconnect two different connector types.

American Wire Gauge (AWG): A U.S. standard set of non-ferrous wire conductor sizes. Typical data wiring is AWG number 24, 26 or 28. The higher the gauge number, the smaller the diameter and thinner the wire.

Backshell (Hood): A mechanical backing that is sometimes put onto a connector. The device protects the conductors and can be assembled or injection molded.

Bus: Also called a "Daisy Chain". A network topology where each node is connected to one another in line. A major disadvantage is that when there is a break in the bus the entire network goes down.

Cable: A set of insulated wires or conductors within an extruded jacket. Many types of cable utilize shielding around the wires and under the cable jacket.

Cable Assembly: A piece of cable that has been terminated with one or more connectors.

Conductor: A metal path, usually copper, that passes electricity. When discussing data cabling, "wire" and "conductor" are synonymous.

Connector: Electromechanical coupling device that provides an electrical interface that can be mated and unmated.

Contact: The specific points of contact within a connector. Contacts can be male (pins) or female (sockets).

Coupler: A device used to connect two similar connector types.

Crosstalk: The coupling of electromagnetic fields from conductors into adjacent conductors. Crosstalk is controlled by twisting the conductors into a pair or by separating/shielding conductors.

Electromagnetic Interference (EMI): Unwanted electromagnetic or electrical energy that causes unwanted responses in electronic equipment.

GPIB: General Purpose Interface Bus. Common name for IEEE-488.

HPIB: Hewlett Packard Interface Bus. Common name for IEEE-488.

IEEE-488: Institute of Electrical and Electronics Engineers interface standard number 488.

Injection Molding: The process used to inject molten polymer into a mold. Connector backshells are often injection molded.

Insulation: A material with very high resistivity used to protect conductors. Insulation is usually extruded over the wire or conductor after the drawing process.

Insulation Displacement Contact: A means of terminating wires without the need of stripping down to the bare wire.

Jack: The female receptacle - usually found on equipment.

Plug: Popular term for a male gender connector of varied types.

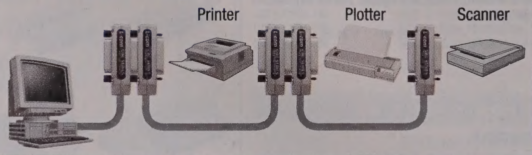
Shielding: A conductive foil or braid that covers insulated wires in a cable. The shield provides electrical grounding and protection from external electromagnetic interference (EMI). Shielding is also used to control internal electromagnetic radiation.

Strain Relief: A method of protecting the wire to contact point from flexing or pulling.

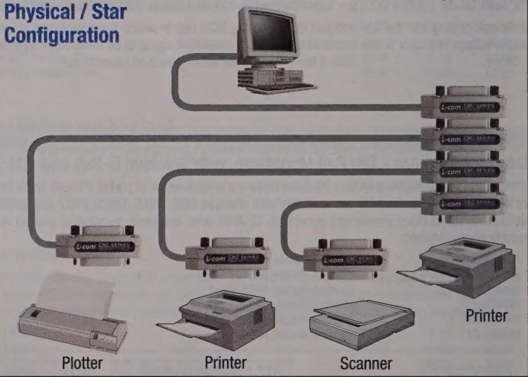
Twisted Pair: Two insulated conductors twisted at a fixed rate of twists per unit of length, typically used in balanced circuits where nominal impedance and crosstalk are critical characteristics.

Wire: Conductive material, typically copper, that has been drawn down to a specific size and coated with an insulating material. A "bare wire" utilizes no insulator coating.

In-Line / Linear Configuration

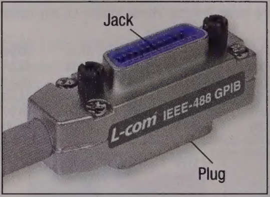


Physical / Star Configuration

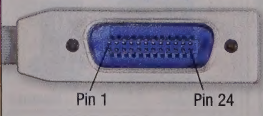


IEEE-488 Connector Specifications

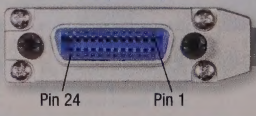
The IEEE-488 GPIB connector utilizes 24 contacts in a parallel configuration.



PLUG (male)

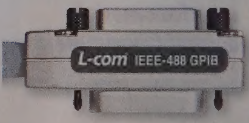


JACK (female)



IEEE-488 Cable Construction

- 24 conductors with twisted pairs
- Braid Shield with a minimum 85% coverage
- Centronics style 24 position male to female piggy back connectors allowing for easy daisy chaining
- Metric mating hardware, M3.5 x 0.6



L-com Global Connectivity

For more useful information go to....
L-com.com/Resources

L-com IEEE-488 Cable Assembly Options

L-com offers three different cable options to best satisfy customer needs and maximize value:

	MOLDED	DELUXE	PREMIUM
Backshell Detail	PVC molded backshell over internal steel shell enclosure	Die cast aluminum, nickel plated backshell	Die cast aluminum, nickel plated backshell
Connector Detail	Stamped steel, nickel plated connectors	Die cast alloy, nickel plated connectors	Die cast alloy, nickel plated connectors
Contact Plating	30 microinch gold plated contacts	30 microinch gold plated contacts	30 microinch gold plated contacts
Cable Shielding	One braid and one foil/mylar overall shield	One braid and one foil/mylar overall shield plus one inner foil/mylar shield	One braid and one foil/mylar overall shield plus one inner braid and one inner foil/mylar shield

L-com is the Originator

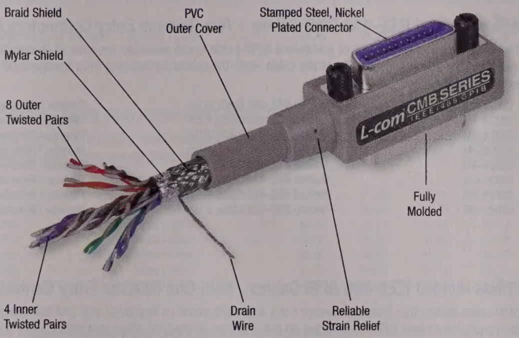
L-com was the first to introduce molded, in-line, male only GPIB cables. Acceptance was immediate and soon users demanded upgraded models with metal connector shells and better cable shielding gradations. Now the female version has been added to complete the series.

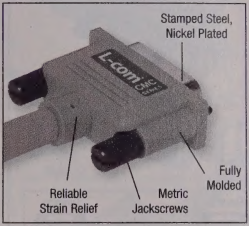
We complied with your wishes and we're proud to offer the latest premium and deluxe versions of single ended cables listed as standard items.

We urge you to try this wiring concept and to discover the many real advantages.

Molded Cable Makeup

CMB/CIM/CIMB/CMC/CMD Series





The Industry Standard

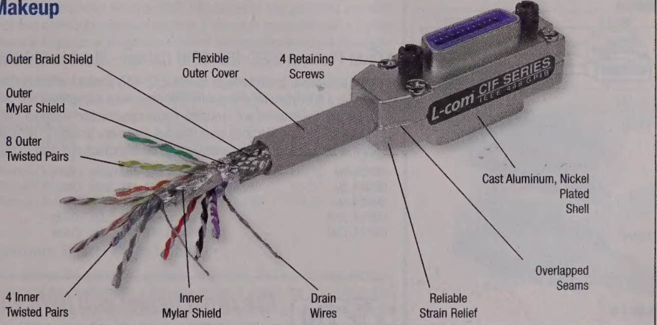
Hewlett Packard set the criteria in the design of optimum IEEE-488 GPIB cables with three shields, twisted pairs and metal shells, offering maximum performance.

L-com agreed with this need and developed a comparable cable type that we call the CIF Series. This family of IEEE-488 GPIB cables is directly interchangeable with HP, AMP and Amphenol.

The Deluxe Series is by far your best buy compared to any of the GPIB cables on the market today.

Deluxe Cable Makeup

CIF Series



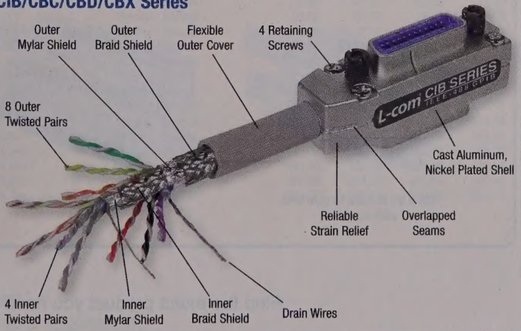
L-com offers the Most Value

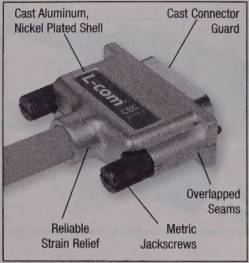
A reminder that the difference in cost between good quality wiring components and the IEEE-488 cables offered by discounters is very little indeed. When you consider the total value of the equipment that will be tied into a system, the cost of cables, adapters and accessories becomes only a small part of the total investment.

In many applications, it is wise to use the premier cables on the market, L-com's Premium Series. Our cables and accessories are of the highest quality and our prices are realistic. We feel confident that if you compare Quality, Variety, Service and Price you will find that L-com definitely comes out on top on all counts.

Premium Cable Makeup

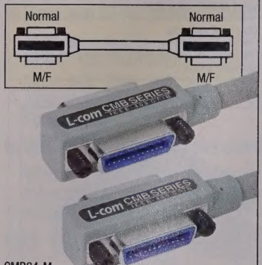
CIB/CBC/CBD/CBX Series



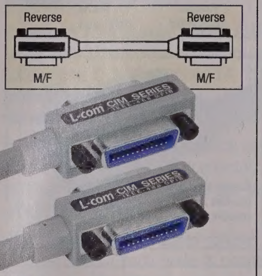


L-com Molded Grade Cable Assemblies

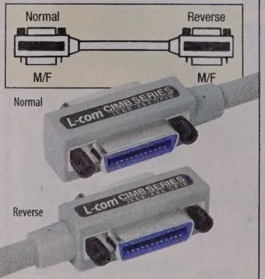
Cables listed on this page utilize Two Shields and a fully molded backshell. They are the most economical choice and are the most common substitute to competitor models.



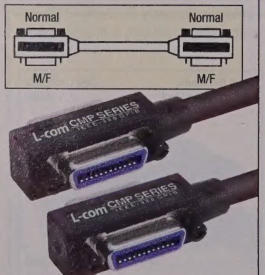
CMB24-M



CIM24-M



CIMB24-M



CMP24-M

RoHS Molded Grade IEEE-488 GPIB Cables - Double Shielded with Molded Backshells

L-com offers many IEEE-488 cable assembly options. The most economical choice uses double shielded cable that is adequate for many applications. Featuring all-molded connector ends which contribute to a long life expectancy and are impervious to breakage at the point where the cable enters the connector housing. A unique stamped steel internal enclosure provides 100% shielding and a robust strain relief. Considerable savings can be realized using this cable, particularly in volume applications.

The CMB Cable Series meets all standards of the IEEE-488 interface, conforms with normal mounting procedures and is directly compatible with HP, AMP and Amphenol.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CMB24-05M	Molded IEEE-488 Cable, 0.5m	Normal / Normal	54.00	52.92	50.76	47.52
CMB24-1M	Molded IEEE-488 Cable, 1.0m	Normal / Normal	57.00	55.86	53.58	50.16
CMB24-2M	Molded IEEE-488 Cable, 2.0m	Normal / Normal	63.00	61.74	59.22	55.44
CMB24-3M	Molded IEEE-488 Cable, 3.0m	Normal / Normal	69.00	67.62	64.86	60.72
CMB24-4M	Molded IEEE-488 Cable, 4.0m	Normal / Normal	75.00	73.50	70.50	66.00
CMB24-5M	Molded IEEE-488 Cable, 5.0m	Normal / Normal	80.00	78.40	75.20	70.40
CMB24-6M	Molded IEEE-488 Cable, 6.0m	Normal / Normal	86.00	84.28	80.84	75.68
CMB24-8M	Molded IEEE-488 Cable, 8.0m	Normal / Normal	98.00	96.04	92.12	86.24

RoHS Molded IEEE-488 GPIB Cables - Two Reverse Entry Connectors to Overcome Difficult Mounting

There are times when the use of a standard GPIB cable is not desirable because of obstructions from other nearby instruments, etc. In some cases it may be more advantageous to have the cable enter the connector housing from the opposite direction. An obvious advantage is when it is used as an extension cable.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIM24-05M	Molded IEEE-488 Cable, 0.5m	Reverse / Reverse	51.00	48.96	46.92	44.88
CIM24-1M	Molded IEEE-488 Cable, 1.0m	Reverse / Reverse	54.00	51.84	49.68	47.52
CIM24-2M	Molded IEEE-488 Cable, 2.0m	Reverse / Reverse	59.00	56.64	54.28	51.92
CIM24-3M	Molded IEEE-488 Cable, 3.0m	Reverse / Reverse	65.00	62.40	59.80	57.20
CIM24-4M	Molded IEEE-488 Cable, 4.0m	Reverse / Reverse	69.00	66.24	63.48	60.72
CIM24-5M	Molded IEEE-488 Cable, 5.0m	Reverse / Reverse	74.00	71.04	68.08	65.12
CIM24-6M	Molded IEEE-488 Cable, 6.0m	Reverse / Reverse	79.00	75.84	72.68	69.52
CIM24-8M	Molded IEEE-488 Cable, 8.0m	Reverse / Reverse	88.00	84.48	80.96	77.44

RoHS Molded IEEE-488 GPIB Cables - With One Reverse Entry Connector to One Normal Entry

GPIB users realize the virtues of reverse entry and have asked us to provide half and half types. L-com offers GPIB cables that are useful for connecting rack equipment when GPIB receptacles do not orientate properly to allow shortest distance and an orderly appearance.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIMB24-03M	Molded IEEE-488 Cable, 0.3m	Normal / Reverse	50.00	45.00	40.00	35.00
CIMB24-05M	Molded IEEE-488 Cable, 0.5m	Normal / Reverse	52.00	46.80	41.60	36.40
CIMB24-1M	Molded IEEE-488 Cable, 1.0m	Normal / Reverse	55.00	49.50	44.00	38.50

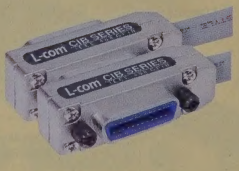
RoHS Plenum IEEE-488 GPIB Cables - Double Shielded with CMP Rated Jacket

Another innovative breakthrough in the IEEE-488 product offering. These cables utilize a CMP rated cable jacket and overmold material. CMP rated material is a fire retardant compound that possesses exceptional self-extinguishing characteristics. Plenum rated cables are necessary when the highest fire resistant assemblies are required. Cable construction features foil/braid shield, 12 FEP insulated 26 AWG twisted pairs and standard male/female connectors. A unique stamped steel internal enclosure provides 100% shielding and a robust strain relief. Custom lengths or cable assemblies with inline or reverse entry connector orientation can be manufactured with modest minimum requirements.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CMP24-1M	Plenum IEEE-488 Cable, 1.0m	Normal / Normal	143.00	140.14	137.28	134.42
CMP24-2M	Plenum IEEE-488 Cable, 2.0m	Normal / Normal	198.00	194.04	190.08	186.12
CMP24-5M	Plenum IEEE-488 Cable, 5.0m	Normal / Normal	539.00	528.22	517.44	506.66
CMP24-10M	Plenum IEEE-488 Cable, 10.0m	Normal / Normal	1035.00	1014.30	993.60	972.90
CMP24-15M	Plenum IEEE-488 Cable, 15.0m	Normal / Normal	1530.00	1499.40	1468.80	1438.20

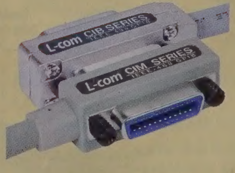
Tip *The chart below will help you to find the connector orientation style that you need.*

Normal Orientation



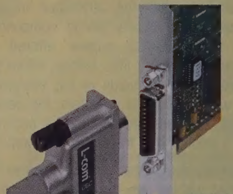
This is the standard for most GPIB cable assemblies

Reverse Orientation



Great for extending GPIB cable runs

Inline Orientation



Helpful for connecting to GPIB equipment

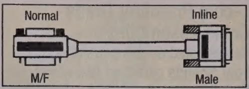
L-com Global Connectivity

Product wizards
Find the exact product you need with our easy-to-use wizards.
L-com.com/ProductWizards

✓RoHS Molded CMC Series IEEE-488 GPIB Cables - Feature One Inline GPIB Male Termination

These molded GPIB cables are similar in construction and electrical specifications to our popular CMB24 series except that one end terminates to a straight male connector. This is sometimes preferred when there is no apparent need to have the exposed female end. It also eliminates the need for capping the exposed connector. Quite useful when the traditional right angle cable gets in the way of other cables such as in a computer back plane. Both ends of these cables utilize a stamped steel internal closure providing 100% shielding and a robust strain relief.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CMC24-05M	Molded IEEE-488 Cable, 0.5m	Normal / Inline	46.00	43.24	40.48	37.72
CMC24-1M	Molded IEEE-488 Cable, 1.0m	Normal / Inline	49.00	46.06	43.12	40.18
CMC24-2M	Molded IEEE-488 Cable, 2.0m	Normal / Inline	54.00	50.76	47.52	44.28
CMC24-3M	Molded IEEE-488 Cable, 3.0m	Normal / Inline	60.00	56.40	52.80	49.20
CMC24-4M	Molded IEEE-488 Cable, 4.0m	Normal / Inline	65.00	61.10	57.20	53.30
CMC24-5M	Molded IEEE-488 Cable, 5.0m	Normal / Inline	71.00	66.74	62.48	58.22
CMC24-10M	Molded IEEE-488 Cable, 10.0m	Normal / Inline	98.00	92.12	86.24	80.36



CMC24-M

✓RoHS Adapter/Extension Cable - PC Port Entry and Inline Mating with IEEE-488 GPIB Cables

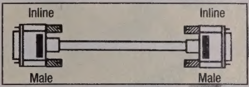
This dual purpose Adapter/Extension cable has a slim male end that will readily fit through most PC IEEE-488 equipment ports. Very similar in appearance to our standard CMC24 cables except that the single female offset connector has reverse entry allowing GPIB cables to mate in a natural inline direction. Dual shield construction with metal inline and reverse entry backshells. They are available from stock only in standard lengths of eight inches, half and one meter. Longer lengths available on a custom basis.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CMC24XA	GPIB Adapter/Extension Cable, 8 inches (20.3cm)	Reverse / Inline	43.00	41.28	39.56	37.84
CMC24XA-05M	GPIB Adapter/Extension Cable, .5 meters	Reverse / Inline	44.00	42.24	40.48	38.72
CMC24XA-1M	GPIB Adapter/Extension Cable, 1 meter	Reverse / Inline	46.00	44.16	42.32	40.48

✓RoHS Molded CMD Series IEEE-488 GPIB Cables - Have Two Inline GPIB Male Terminations

We've gone one step further with these molded CMD series cables and equipped both ends of the cable with a molded single ended GPIB connector. This new cable type is not only useful in some applications, but also saves money. They have the same specifications as the basic CMB24 series and are fully shielded and molded to last for years.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CMD24-05M	Molded IEEE-488 Cable, 0.5m	Inline / Inline	22.00	21.56	21.12	20.68
CMD24-1M	Molded IEEE-488 Cable, 1.0m	Inline / Inline	27.00	26.46	25.92	25.38
CMD24-2M	Molded IEEE-488 Cable, 2.0m	Inline / Inline	38.00	37.24	36.48	35.72
CMD24-3M	Molded IEEE-488 Cable, 3.0m	Inline / Inline	49.00	48.02	47.04	46.06
CMD24-4M	Molded IEEE-488 Cable, 4.0m	Inline / Inline	60.00	58.80	57.60	56.40
CMD24-5M	Molded IEEE-488 Cable, 5.0m	Inline / Inline	71.00	69.58	68.16	66.74
CMD24-10M	Molded IEEE-488 Cable, 10.0m	Inline / Inline	100.00	98.00	96.00	94.00

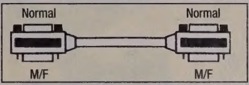


CMD24-M

✓RoHS Deluxe Grade IEEE-488 GPIB Cables - Three Shields Plus Cast Aluminum Shells

Two foil shields plus one copper braid shield (over 90% coverage) provide low capacitance to maintain the IEEE specifications of these cables. Designed and built to handle your system's data rate, up to the 1 Mbyte/s IEEE maximum. All technical features found in our Premium CIB24 Series are incorporated in this series, the only exception is one less shield. This series is as good as, or better than, other name brand IEEE-488 cables on the market today. This is truly the best buy because you get industry standard features at realistic prices. No other IEEE-488 cables of this grade are available at a competitive price. The CIF24 Series IEEE-488 cables may be used to connect two compatible devices such as a personal computer and a plotter. They can be Daisy-Chained to several computer peripherals or may be used to integrate a system of programmable test instruments and control devices. Each end of every cable has a male/female connector and readily accepts a male terminated cable.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIF24-03M	Deluxe IEEE-488 Cable, 0.3m	Normal / Normal	84.70	83.01	79.62	74.54
CIF24-05M	Deluxe IEEE-488 Cable, 0.5m	Normal / Normal	86.50	84.77	81.31	76.12
CIF24-1M	Deluxe IEEE-488 Cable, 1.0m	Normal / Normal	91.00	89.18	85.54	80.08
CIF24-2M	Deluxe IEEE-488 Cable, 2.0m	Normal / Normal	100.00	98.00	94.00	88.00
CIF24-3M	Deluxe IEEE-488 Cable, 3.0m	Normal / Normal	109.00	106.82	102.46	95.92
CIF24-4M	Deluxe IEEE-488 Cable, 4.0m	Normal / Normal	118.00	115.64	110.92	103.84
CIF24-5M	Deluxe IEEE-488 Cable, 5.0m	Normal / Normal	127.00	124.46	119.38	111.76
CIF24-6M	Deluxe IEEE-488 Cable, 6.0m	Normal / Normal	136.00	133.28	127.84	119.68
CIF24-8M	Deluxe IEEE-488 Cable, 8.0m	Normal / Normal	154.00	150.92	144.76	135.52

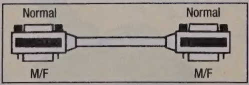


CIF24-M

✓RoHS Premium Grade IEEE-488 GPIB Cables - 4 Shields, Aluminum Nickel Plated Shells

These cables have two copper braid shields coupled with two foil shields to work to reduce the amount of radiated emissions. This helps many systems to pass FCC Part 15, MIL-STD-461A, VDE 0871 and VDE 0875. All wires are twisted pairs to maintain a low capacitance within the 150 pF/m IEEE specification. Besides superior electrical characteristics, this cable has been designed to last a very long time. Care has been given to offer a cable with extreme flexibility that is equipped with a superior strain relief. This prevents the cable from coming apart when it is bent at a sharp angle, which has been a common fault with many IEEE-488 cables on the market today. Cast aluminum, nickel plated shells are used to prevent corrosion and have overlapping seams rather than being butt-jointed. One could hope for nothing else in the makeup of the best IEEE-488 cable. All this offered at a realistic price.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24-03M	Premium IEEE-488 Cable, 0.3m	Normal / Normal	89.20	87.42	83.85	78.50
CIB24-05M	Premium IEEE-488 Cable, 0.5m	Normal / Normal	92.00	90.16	86.48	80.96
CIB24-1M	Premium IEEE-488 Cable, 1.0m	Normal / Normal	99.00	97.02	93.06	87.12
CIB24-2M	Premium IEEE-488 Cable, 2.0m	Normal / Normal	113.00	110.74	106.22	99.44
CIB24-2.5M	Premium IEEE-488 Cable, 2.5m	Normal / Normal	120.00	117.60	112.80	105.60
CIB24-3M	Premium IEEE-488 Cable, 3.0m	Normal / Normal	127.00	124.46	119.38	111.76
CIB24-4M	Premium IEEE-488 Cable, 4.0m	Normal / Normal	141.00	138.18	132.54	124.08
CIB24-5M	Premium IEEE-488 Cable, 5.0m	Normal / Normal	155.00	151.90	145.70	136.40
CIB24-6M	Premium IEEE-488 Cable, 6.0m	Normal / Normal	163.00	159.74	153.22	143.44
CIB24-8M	Premium IEEE-488 Cable, 8.0m	Normal / Normal	189.00	185.22	177.66	166.32
CIB24-10M	Premium IEEE-488 Cable, 10.0m	Normal / Normal	215.00	210.70	202.10	189.20
CIB24-12M	Premium IEEE-488 Cable, 12.0m	Normal / Normal	241.00	236.18	226.54	212.08
CIB24-15M	Premium IEEE-488 Cable, 15.0m	Normal / Normal	280.00	274.40	263.20	246.40
CIB24-18M	Premium IEEE-488 Cable, 18.0m	Normal / Normal	319.00	312.62	299.86	280.72



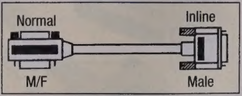
CIB24-M

Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

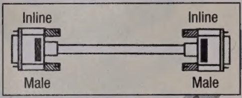
L-com® Global Connectivity

L-com Premium Grade Cable Assemblies

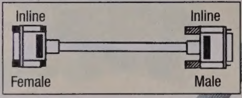
Cables listed on this page offer **Four Shields** plus **Cast Aluminum, Nickel Plated** shells for the ultimate in EMI protection.



CBC24-M



CBD24-M



CBX24-M

Premium Inline IEEE-488 GPIB Cables - 4 Shields Plus Cast Aluminum Shells

Added versatility is offered by these three series of premium IEEE-488 GPIB cables. They are the industry's first male or female only terminations with many advantages while never posing a problem with cable entry direction. Their natural slim inline design makes these cables ideal for use on PC ports with limited entry access.

The cable makeup of the CBC, CBD and CBX families is identical to our very popular and well accepted CIB24 series. All wires are twisted pairs to maintain low capacitance within the 150 pF/m IEEE specification. Besides superior electrical characteristics, this cable is extremely flexible. Cast aluminum, nickel plated shells are offered for corrosion resistance, strength and maximum RFI/EMI shielding protection.

RoHS Premium Grade CBC24 Series IEEE-488 GPIB Cables - With One Inline GPIB Male Termination

This premium series has one conventional male-female connector. The other end terminates to a straight male-only connector, a feature sometimes preferred when there is no need to have a female end exposed. This cable is most useful when the dual-right angle connectors get in the way of other system cables and particularly in a computer back plane.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CBC24-05M	Premium IEEE-488 Cable, 0.5m	Normal / Inline	83.00	76.36	69.72	CALL
CBC24-1M	Premium IEEE-488 Cable, 1.0m	Normal / Inline	88.00	80.96	73.92	CALL
CBC24-2M	Premium IEEE-488 Cable, 2.0m	Normal / Inline	98.00	90.16	82.32	CALL
CBC24-3M	Premium IEEE-488 Cable, 3.0m	Normal / Inline	108.00	99.36	90.72	CALL
CBC24-4M	Premium IEEE-488 Cable, 4.0m	Normal / Inline	118.00	108.56	99.12	CALL
CBC24-5M	Premium IEEE-488 Cable, 5.0m	Normal / Inline	128.00	117.76	107.52	CALL
CBC24-8M	Premium IEEE-488 Cable, 8.0m	Normal / Inline	158.00	145.36	132.72	CALL

RoHS Premium Grade CBD24 Series IEEE-488 GPIB Cables - With Two Inline GPIB Male Terminations

We've also provided this premium series IEEE-488 cable equipped with two single ended male ends. This cable type is not only useful in many applications, but also saves money. It has the same specifications as the basic CIB24 series. All connector guards are cast metal, not stamped metal.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CBD24-05M	Premium IEEE-488 Cable, 0.5m	Inline / Inline	77.00	70.84	64.68	CALL
CBD24-1M	Premium IEEE-488 Cable, 1.0m	Inline / Inline	82.00	75.44	68.88	CALL
CBD24-2M	Premium IEEE-488 Cable, 2.0m	Inline / Inline	92.00	84.64	77.28	CALL
CBD24-3M	Premium IEEE-488 Cable, 3.0m	Inline / Inline	102.00	93.84	85.68	CALL
CBD24-4M	Premium IEEE-488 Cable, 4.0m	Inline / Inline	112.00	103.04	94.08	CALL
CBD24-5M	Premium IEEE-488 Cable, 5.0m	Inline / Inline	122.00	112.24	102.48	CALL
CBD24-8M	Premium IEEE-488 Cable, 8.0m	Inline / Inline	152.00	139.84	127.68	CALL

RoHS Premium Grade CBX24 IEEE-488 GPIB Extension Cables - One Inline Male to One Inline Female Connector

The world's first true IEEE-488 extension cable adds versatility to the inline series as an everyday means of interconnection. A useful cable for those situations which require a longer cable.

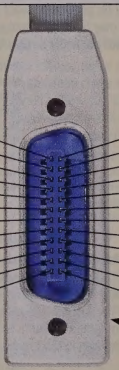
Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CBX24-1M	Premium IEEE-488 Extension Cable, 1.0m	Inline / Inline	82.00	75.44	68.88	CALL
CBX24-2M	Premium IEEE-488 Extension Cable, 2.0m	Inline / Inline	92.00	84.64	77.28	CALL
CBX24-3M	Premium IEEE-488 Extension Cable, 3.0m	Inline / Inline	102.00	93.84	85.68	CALL

Connector Pinouts for All IEEE-488 Cables and Adapters

All IEEE-488 cables and connectors are wired straight thru.

Data Input/Output 5	DIO5	13
Data Input/Output 6	DIO6	14
Data Input/Output 7	DIO7	15
Data Input/Output 8	DIO8	16
Remote Enable	REN (24)	17
	Gnd. (6)	18
	Gnd. (7)	19
	Gnd. (8)	20
	Gnd. (9)	21
	Gnd. (10)	22
	Gnd. (11)	23
	Gnd. Logic	24

Numbers in parentheses indicate ground return lines for message and control lines.



1	DIO1	Data Input/Output 1
2	DIO2	Data Input/Output 2
3	DIO3	Data Input/Output 3
4	DIO4	Data Input/Output 4
5	EOI (24)	End or Identify
6	DAV	Data Valid
7	NRFD	Not Ready for Data
8	NDAC	Not Data Accepted
9	IFC	Interface Clear
10	SRQ	Service Request
11	ATN	Attention
12	Shield	

IEEE-488 Hardware Specifications

The IEEE-488 GPIB standard dictated the use of metric thumbscrews for mounting.

ISO M3.5x0.6 Metric Thread Tapped Hole
L-com IEEE-488 GPIB
ISO M3.5x0.6 Metric Thread

L-com Global Connectivity

Same day shipping
Orders placed before 4:00 EST ship the same day.

RoHS IEEE-488 GPIB Bulkhead Adapters - The Easiest Way to Feed GPIB Cables Through Panels

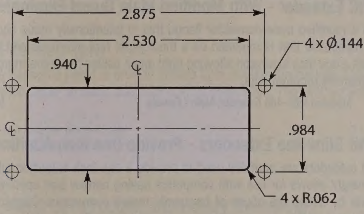
IEEE-488 bulkhead adapters originated because of a need by design and test engineers. These adapters provide the only means of passing an IEEE-488 cable through common cabinet walls and will also provide access to a console work table when mounted on a panel.

Two basic models are available. The BA model has the conventional male-female entry, where the BF model has two female entries. The BF model allows more than one cable to be mounted piggy-back on both sides of the panel.

Because of user concerns for ground loops, we now offer another version of the popular CIB24BF with an insulated mounting bracket rather than a metal one. Model CIB24BF-I features a fiberglass mounting bracket.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24BA	IEEE-488 Bulkhead Adapter, Male / Female	Normal	32.00	29.44	26.88	24.32
CIB24BF	IEEE-488 Bulkhead Adapter, Female / Female	Normal	34.00	31.28	28.56	25.84
CIB24BF-I	IEEE-488 Bulkhead Adapter, Insulated, Female / Female	Normal	35.00	32.20	29.40	26.60

Recommended Panel Openings for IEEE-488 GPIB Bulkhead Adapters



RoHS IEEE-488 GPIB Reverse Entry Adapters - The Ultimate Solution for Many Difficult Situations

A new twist has been added to IEEE-488 networking by the introduction of reverse entry adapters. Very similar to the model CIB24BF except that the cables exit in opposite directions. This feature is sometimes desirable and necessary to avoid nearby obstructions. We also offer this reverse entry adapter with an insulated mounting bracket made of fiberglass.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24BFR	Reverse Entry IEEE-488 Bulkhead Adapter, Female / Female	Reverse	34.00	31.28	28.56	25.84
CIB24BFR-I	Reverse Entry IEEE-488 Bulkhead Adapter, Insulated, Female / Female	Reverse	35.00	32.20	29.40	26.60

RoHS IEEE-488 GPIB Reverse GPIB Adapter - For Easy Extension of Two Standard IEEE-488 Cables

Normally when an attempt is made to mate and extend two standard IEEE-488 cables, the result is that the cables tend to go in the same direction as shown in Entry A in the Tip below. The XFR reverse adapter will properly orient the two cables so they are in line as shown in Entry B. The double female entry makes it easy to assemble. Made of cast aluminum for light weight and durability.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24XFR	180° Reverse IEEE-488 Adapter, Female / Female	Reverse	26.00	23.92	21.84	19.76

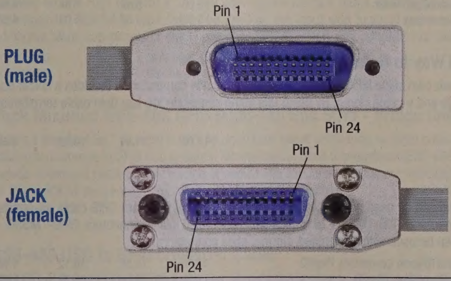
RoHS IEEE-488 GPIB Reverse Extender - Changes Cable Direction 180° and Extends Port

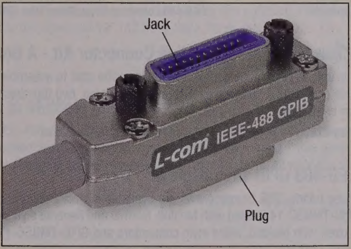
This is probably the most versatile extension adapter to have in case an IEEE-488 cable exit interferes with other equipment on the same rack. Simply install the Reverse Extender between the receptacle and GPIB cable.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24XR	180° Reverse IEEE-488 Extender, Male / Female	Reverse	26.00	23.92	21.84	19.76

IEEE-488 GPIB Connector Specifications

The IEEE-488 GPIB connector utilizes 24 contacts in a parallel configuration.



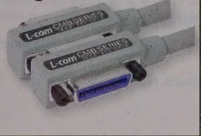


Tip

L-com reverse entry adapters solve cable extension problems in the field.

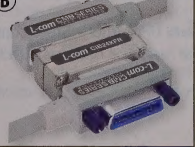
Before: Ⓐ

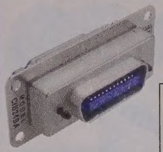
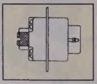
Typical GPIB cables with normal entry are difficult to extend.



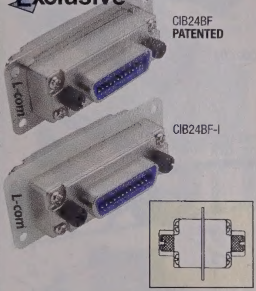
After: Ⓑ

A reverse entry adapter solves the problem.

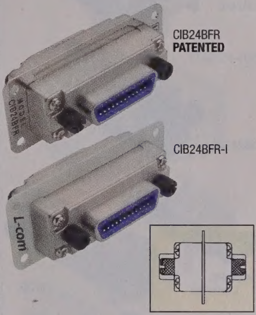



CIB24BA


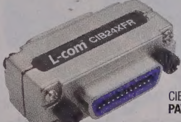
Exclusive

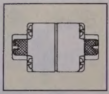

CIB24BF
PATENTED

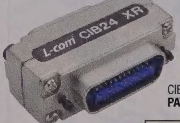
CIB24BF-I

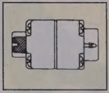

CIB24BFR
PATENTED

CIB24BFR-I



CIB24XFR
PATENTED




CIB24XR
PATENTED


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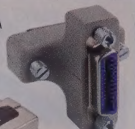
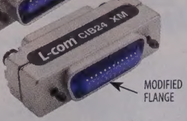
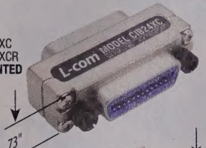

CIM24RA

CIB24X

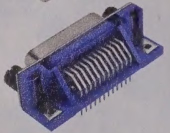


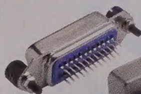
CIB24XM



CIB24XC
CIB24XCR
PATENTED

CIB24XE

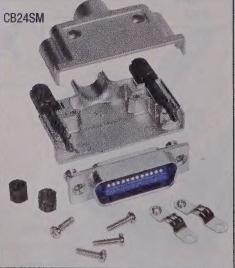

CIB24SRA

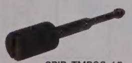

CIB24SPC

CIB24C

CIB24CB

CIB24CM


CB24SM


GPIB-TMBSC-15

GPIB-NUT

✓RoHS IEEE-488 GPIB Right Angle Adapter - Used to Change Direction and Avoid Tight Cable Bending

This right angle adapter is handy to use whenever cable direction needs to be turned 90° to avoid obstacles that would require sharp bends in cable placement, possibly causing cable damage. All molded construction.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIM24RA	IEEE-488 Right Angle Adapter, Male / Female	90°	19.52	18.74	17.96	17.18

✓RoHS IEEE-488 GPIB Extender - This Handy Device Provides a One Inch Added Clearance

Our GPIB extender is sometimes used to provide a one inch extension allowing right angle cables that extra margin to clear adjoining obstacles. It is a very handy item to have on hand in case of an emergency situation. Made of cast aluminum.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24X	IEEE-488 Extension Adapter, Male / Female	Normal	24.00	22.08	20.16	18.24

✓RoHS IEEE-488 GPIB Extender - With Modified Male Guard Eliminates Thick Panel Interference

This unique extender has a modified male connector flange that is intentionally made shorter. This shorter flange prevents problems in applications requiring plugging into a receptacle that is mounted on a thick panel that interferes and will not allow the connector to seat properly. This versatile IEEE-488 extender provides a one inch extension allowing right angle cables that extra margin to clear nearby obstacles. Connectors are male to female and satisfy UL94V-0 flammability requirements.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24XM	Modified IEEE-488 Extender, Male / Female	Normal	26.00	23.92	21.84	19.76

✓RoHS IEEE-488 GPIB Slim-line Extenders - Provide One Inch Additional Clearance, Fits Narrow PC Ports

These handy, hard to find extenders are normally used to provide a one inch extension allowing right angle cables that extra margin to clear nearby obstacles. Special 0.73" height allows for use with computers having narrow port openings. These extenders can also be used as socket savers for expensive cables and ports by taking the abuse of frequently mated connectors. Connectors are male to female and satisfy UL94V-0 flammability requirements. Quantity pricing available, please contact your L-com Sales Representative.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24XC	Slim-line IEEE-488 Extender, Male / Female	Normal	27.00	24.84	22.68	20.52
CIB24XCR	Reverse Entry IEEE-488 Slim-line Extender, Male / Female	Reverse	30.00	27.60	25.20	22.80

✓RoHS IEEE-488 GPIB Ultra Slim-line Extender - No Frills, Fully Shielded, Cast Body

There's a growing need for a slimmer IEEE-488 extender that will clear narrow PC port openings. The CIB24XE slimline extender fills that need with an overall width of 0.62 inches (1.6cm). Connectors are cast aluminum with nickel plating and shielding is maintained with copper foil.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24XE	IEEE-488 Ultra Slim-line Extender-Cast, Male / Female	Normal	19.00	17.48	15.96	14.44

✓RoHS IEEE-488 GPIB Socket/Connectors - Standard 24 Pin, Mates with all IEEE-488 Interfaces

These GPIB socket/connectors are ideal for production or replacement use and meet the highest quality standards. Contacts are gold plated for the best connectivity, mating hardware is plated with Black oxide. All plastic materials are UL94V-0 flammability rated. Quantity pricing is available upon request.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24S	Female IEEE-488 Connector, Solder Lug Terminals		6.00	5.52	5.04	4.56
CIB24SPC	Female IEEE-488 Connector, Straight PC Terminals		6.00	5.52	5.04	4.56
CIB24SRA	Female IEEE-488 Connector, Right Angle PC Terminals		8.00	7.36	6.72	6.08

✓RoHS IEEE-488 GPIB Connector Shielding Covers - Protect Against Contamination, Physical Damage & RFI

L-com offers two cast aluminum covers that mate to the exposed end of the GPIB cable connector. These covers have many uses such as in production or shipping to protect against dirt or damage to the exposed connector. In the lab, they provide the added service of limiting the port's accessibility. CIB24C is one piece cast aluminum construction with two hold-down screws, captivated to prevent against loss. Available in Natural or Black anodized finish. The CIB24CM is for use with male end, specifically designed for our CMC24 cable series. This version is available only in Natural aluminum finish.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CIB24C	IEEE-488 Connector Cover, Mates Female GPIB Connectors		6.00	5.52	5.04	4.56
CIB24CB	IEEE-488 Connector Cover, As Above but Black Anodized Finish		6.00	5.52	5.04	4.56
CIB24CM	IEEE-488 Connector Cover, Mates Male GPIB Connectors		6.00	5.52	5.04	4.56

✓RoHS IEEE-488 GPIB Inline Connector Kit - A Good Way to Retrofit Defective Cables

This unique GPIB inline connector kit allows the user to assemble their own inline IEEE-488 connectors. This handy connector kit includes a solder style male connector, two piece cast aluminum housing, two thumbscrews and a cable clamp. By using this inline connector kit, fast field cable terminations can be realized.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
CB24SM	IEEE-488 Inline Male Connector Kit		13.00	11.96	10.92	9.88

IEEE-488 GPIB Thumbscrews

These handy GPIB thumbscrews are available in packages of 20 and can be used with L-com's Molded, Deluxe and Premium GPIB cable assemblies. GPIB-TMBSC-14 is used with Molded, Normal and Reverse style connectors. GPIB-TMBSC-15 is used with Assembled Inline connectors, GPIB-TMBSC-16 is used with Molded, Inline style connectors and GPIB-TMBSC-17 can be used with Assembled, Normal style connectors.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
GPIB-TMBSC-14	IEEE-488 GPIB Thumbscrew, Molded Normal and Reverse Connectors, Pkg/20		11.00	10.56	10.12	9.68
GPIB-TMBSC-15	IEEE-488 GPIB Thumbscrew, Assembled Inline Connectors, Pkg/20		11.00	10.56	10.12	9.68
GPIB-TMBSC-16	IEEE-488 GPIB Thumbscrew, Molded Inline Connectors, Pkg/20		11.00	10.56	10.12	9.68
GPIB-TMBSC-17	IEEE-488 GPIB Thumbscrew, Assembled Normal Connectors, Pkg/20		11.00	10.56	10.12	9.68

✓RoHS GPIB Nuts - Steel Construction for Durability

These handy GPIB nuts come in packages of 50 and can be used with many GPIB thumbscrews. These nuts feature M3.5 X 0.6 threads and are constructed of durable steel.

Item #	Description	Connector Orientation	1-9	10-24	25-99	100-249
GPIB-NUT	IEEE-488 GPIB Nuts, M3.5 x 0.6 Threads, Pkg/50		12.00	11.52	11.04	10.56

> "You guys really do a great job. Your inventory and prices are very complete and competitive. I have never come to your site and left because I could not find a product or because the prices were bad."- Jason Paige, IT, Integral Capital Partners

Universal IEEE-488 GPIB Transfer Switch Boxes - Allow a Quick Change of Signal Paths

These compact IEEE-488 transfer switch boxes measure only 5.5" (14.0cm) W x 3.25" (8.3cm) H x 4.35" (11.0cm) D. Constructed of heavy gauge steel to withstand abuse and afford maximum RFI/EMI protection. Our most common switch box variations are listed below; others are shown on page 226 of the Rack Panel section. These switch boxes can be used independently or will readily mount in two openings on the L-com Universal panels.

Item #	Description	1-9	10-24	25-99	100-249
USP-GABX3	3 Way IEEE-488 Switch Box, A-Front or B or A and B to Rear I-0	77.00	73.92	70.84	67.76
USP-GOAB	3 Way IEEE-488 Switch Box, Off-A-B	77.00	73.92	70.84	67.76

Universal Series Steel 3.5" (8.9cm) x 19" (48.3cm) Rack Panel has Six Openings for Customization

This rack panel has heavy gauge steel construction with a baked-on enamel finish. Color choice is PC Bone, popular in computerized equipment design, or Black. Six punched rectangular openings accept any of the numerous sub-panels shown in this catalog. Please note that two openings need to be allocated for IEEE-488 and D-Sub switch boxes. Sub-panel openings are 2.20" (5.6cm) x 2.75" (7.0cm)

Item #	Description	1-9	10-24	25-99	100-249
UPR35-6B	Universal Master Rack Panel with 6 Openings, Black Color	24.95	23.95	22.95	21.96

Universal Series Sub-Panel with IEEE-488 GPIB Feed-Thru

This is the most efficient way of passing an IEEE-488 cable through a panel to provide access from outside the console. There are two basic feed-thru models available. The BF model will accept a male terminated cable on each side with normal orientation. The BFR version reverses cable direction. (See page 127 for further explanation).

Item #	Description	1-9	10-24	25-99	100-249
USP24BFB	Universal Sub-Panel, IEEE-488 Bulkhead Adapter, Normal Entry	34.95	33.55	32.15	29.36
USP24BFRB	Universal Sub-Panel, IEEE-488 Bulkhead Adapter, Reverse Entry	34.95	33.55	32.15	29.36

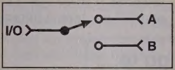
Note: Full details on Universal Series found on page 226. & 227

IEEE-488 GPIB Transfer Switches - Compact Metal Construction and Rotary Switching

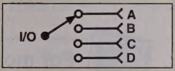
An economy transfer switch that is fully shielded to afford maximum RFI/EMI protection. Two models are offered, the traditional A-B two position type and an A-B-C-D switch box.

Item #	Description	1-9	10-24	25-99	100-249
CTS1224GAB	2 Way IEEE-488 Switch Box, A or B to I/O	94.00	88.36	82.72	77.08
CTS2424-4GPN	4 Way IEEE-488 Switch Box, A, B, C or D to I/O	105.00	98.70	92.40	86.10

CTS1224GAB



CTS2424-4GPN



IEEE-488 Multi-Tap Bus Strips - Four or Eight GPIB Receptacles with Optional Mounting Brackets

Our multi-tap bus strips simplify and expedite instrument relocations and changeovers by eliminating bulky cable assembly piggy-backing. Four or eight female connectors wired in parallel with locking standoffs accept GPIB cables in a single plane. Built of heavy chrome plated steel and fully shielded to minimize RFI/EMI disturbances. Supplied with rubber feet that rest on any flat surface and optional mounting brackets.

Item #	Description	1-9	10-24	25-99	100-249
CIB24MT	Multi-Tap Bus Strip with 4 IEEE-488 Receptacles	39.95	39.15	38.35	37.55
CIB24MT2	Multi-Tap Bus Strip with 8 IEEE-488 Receptacles	89.00	87.22	85.44	83.66

IEEE-488 GPIB Multi-Tap Bus Strip with I/O Provision - Up to 3 Units on Universal Rack Panel

Another multi-tap unit has been added to the line. This adds further versatility in the interconnection of IEEE-488 components. This MTU's primary difference is the additional input receptacle. The four output receptacles are located on the outside of the console panel. Up to three MTUs may be installed on one 3.5" (8.9cm) x 19" (48.3cm) Universal rack panel. Installation is easily accomplished by using four mounting screws, provided. It's recommended that inline type cables be used on the input side to avoid any mounting interference. Universal rack panels are purchased separately. Additional blank sub-panels or singly mounted CIB24BF feed-thru adapters are found in the Universal 19" (48.3cm) Rack Panel section, page 226.

Item #	Description	1-9	10-24	25-99	100-249
CIB24MTU	GPIB Multi-Tap, I/O Type for Universal Mounting	45.95	45.03	44.11	43.19
UPR35-6B	Universal Master Rack, Black	24.95	23.95	22.95	21.96

Rack Mounted IEEE-488 GPIB Multi-Tap Bus Strip - Brings Order to Multiple Interconnections

This is a standard 3.5" (8.9cm) x 19" (48.3cm) rack panel containing an eight outlet IEEE-488 distribution panel. This eliminates tangled interconnection cabling so common in GPIB bus systems. Minimizes the need to piggyback IEEE-488 connectors and prevents breakage due to leveraging. Other benefits include: improved cabling, easy tracing of cables and simplified instrument relocation or changeovers. All receptacles are parallel. Note: All wiring is done on the inside of the console. Supplied with rack panel attached.

Item #	Description	1-9	10-24	25-99	100-249
PR35MT2	GPIB Multi-Tap with 8 Receptacles on Rack Panel	108.95	106.77	104.59	102.41

USB-488 USB to GPIB Converter Cable

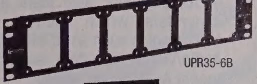
The USB-488 is a USB to GPIB Controller Module that converts any PC with a USB interface into a full-function, IEEE 488.2 Bus Controller. The unit performs all of the basic IEEE-488.1 functions such as talker, listener and system controller. Its IEEE-488.2 controller routines make it fully compliant with the IEEE 488.2 specification. The USB-488 module is a Plug & Play USB peripheral that includes GPIB-488 software library for Windows XP, Windows 2000, and LabVIEW™. The driver includes National Instruments' style 488.1 'ib' and 488.2 command Sets. Additionally the driver provides support for Visual Basic and C/C++ language programs and is compatible with National Instruments' VISA and LabView.

Item #	Description	1-9	10-24	25-99	100-249
USB-488	USB to GPIB Converter Cable	495.00	CALL	CALL	CALL

UPR35-6B, shown populated with switch box and sub-panels

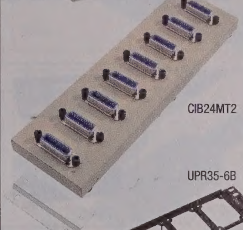
USP-GABX3 (Rear View)

USP-GOAB (Rear View)


UPR35-6B

USP24BFB

CTS2424-4GPN


CIB24MT2

UPR35-6B

CIB24MTU (Rear View)

PR35MT2

USB-488

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L-com® Global Connectivity

Audio / Video Tutorial

What are Audio/Video products?

Audio/Video products consist of cables, adapters, converters and extenders which utilize various video and audio interfaces to transmit and receive video and/or audio signals.

How are Audio/Video products used?

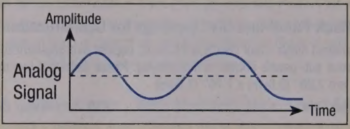
The primary function of Audio/Video cables is the interconnection between a signal generating device such as a CPU (Central Processing Unit) and a display device such as a monitor. The interfaces used to make this connection have evolved over the years and include EVC, HD15, DVI, HDMI and DisplayPort to name a few. Also there are Audio/Video converters which convert two different technologies such as HDMI to DisplayPort etc. Audio/Video extenders amplify, extend and repeat Audio/Video signals.

Where are Audio/Video products used?

Audio/Video products are used in a wide variety of video and/or audio signal transmission applications found in both office and home environments from business computers to home entertainment systems. Additionally these products are used in government and military applications as well as industrial and process control environments.

Monitor/Video Terms

Analog Signals: Both video and audio signals that are continuously varying in level are considered analog.



Attenuation: Attenuation is the reduction in the strength of a signal.

Bandwidth: The difference between the upper and lower usable limits of a band of frequencies.

Baseband: Unmodulated video or audio signals with an exclusive transmission path.

Chroma: The color portion of a video signal "C".

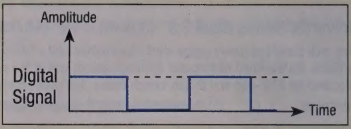
Composite Sync: A combination of horizontal and vertical sync pulses.

dB: A logarithmic unit of measure where 3dB represents a doubling or halving the power level from a given starting point.

DDC: (Data Display Channel) is a standard that defines communication between a monitor and a host system.

DVI : Digital Video Interface

Digital Signals: Data presented as discrete values i.e. On/Off or Binary.



HDMI: High Definition Multimedia Interface. All digital audio and video.

Luma: The brightness portion of a video signal ("Y").

Pixel: A single point on a display.

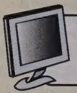
Resolution: The density of pixels in a given area typically expressed as the horizontal x vertical values, (ex. 640x480).

Refresh Rate: Also referred to as the scan rate. It is the number of times in one second (Hz) that the electron beam travels across the screen horizontally from one scan line to the next.

RGB: Red, Green and Blue.

SVGA: Super Video Graphics Array (HD15).

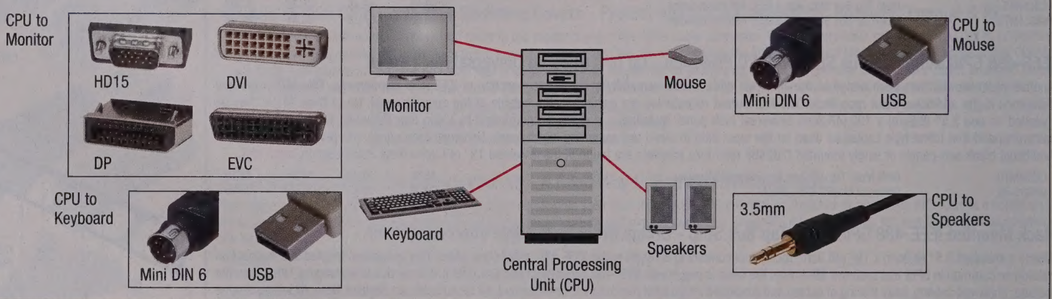
S-Video: A video signal that separates the "Y" or Luma and "C" or chroma information.



For more useful information go to....
L-com.com/Resources

Common Computer Interfaces

The interconnection between a Central Processing Unit (CPU) and the Monitor, Mouse, Keyboard and Speakers found in a typical desktop computer set up uses a number of different interfaces. Below is a list of some of the more common types.



Major Digital Interfaces

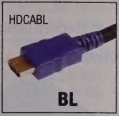
	EVC (Enhanced Video Connector) or P&D (Plug & Display 	DP (Display Port) 	DVI (Digital Video Interface) 	HDMI (High Definition Multimedia Interface)
Standards Group	VESA (Video Electronics Standards Association)	VESA (Video Electronics Standards Association)	DDWG (Digital Display Work Group)	HDMI Founders (Consortium of leading consumer electronics manufacturers)
Maximum Channels	3	8	6 (Dual Link)	8
Maximum Resolution	SXGA (1280 x 1024)	1080p	QXGA (2048 x 1536)	HDTV 720P and 1080P
Analog / Digital Combination	P&D (30 + 4 Pin) Yes	No	DVI-I (24 + 4 Pin) Yes	No
Digital / Audio	No	Yes	No	Yes

✓RoHS HDMI® Cable Assemblies with Multiple Colored Connector Over Molds

L-com offers an extensive line of high speed HDMI cables with Ethernet that feature different colored connector over molds. Color coding helps with visual identification of attached services/equipment. These color coded HDMI cables support all the latest HDMI features including 3D over HDMI and Ethernet Channel.

HDCABK

BK

HDCABL

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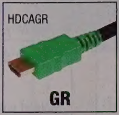
HDCAGR

GR

HDCAOR

OR

HDCAYL

YL

Ordering is easy, add the desired color code to the part number. EX: HDCABL-1

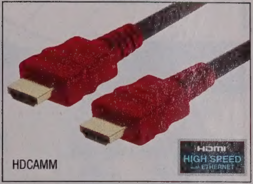
Item #	Description	1-9	10-24	25-99	100-249	250-499
HDCA __-0.5	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 0.5m	16.95	15.93	14.92	13.90	12.88
HDCA __-1	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 1.0m	20.95	19.69	18.44	17.18	15.92
HDCA __-2	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 2.0m	24.95	23.45	21.96	20.46	18.96
HDCA __-3	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 3.0m	28.95	27.21	25.48	23.74	22.00
HDCA __-4	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 4.0m	32.95	30.97	29.00	27.02	25.04
HDCA __-5	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 5.0m	36.95	34.73	32.52	30.30	28.08

HDCAGR

✓RoHS HDMI® Male to Male Cable Assemblies

L-com's HDCAMM series HDMI cables offer a cost effective way to support myriad HDMI applications. Each cable is functionally tested to ensure top performance and features rugged over mold connectors, PVC jackets, and double shielding which protects your A/V signals from EMI/RFI. Available in six standard off the shelf lengths, these cables are perfect for all your HDMI applications. As an HDMI adopter, L-com's HDMI cables are certified by HDMI Licensing LLC. Custom cable lengths are available upon request.

HDCAMM-0.5	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 0.5m	16.95	15.93	14.92	13.90	12.88
HDCAMM-1	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 1.0m	20.95	19.69	18.44	17.18	15.92
HDCAMM-2	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 2.0m	24.95	23.45	21.96	20.46	18.96
HDCAMM-3	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 3.0m	28.95	27.21	25.48	23.74	22.00
HDCAMM-4	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 4.0m	32.95	30.97	29.00	27.02	25.04
HDCAMM-5	High Speed HDMI Cable with Ethernet, HDMI Male / HDMI Male, 5.0m	36.95	34.73	32.52	30.30	28.08



HDCAMM

✓RoHS HDMI® to Mini HDMI Cable Assemblies

Our HDMI to Mini HDMI cables are perfect for connecting standard HDMI interfaces to Mini HDMI peripherals such as camcorders, displays and digital cameras. By utilizing these assemblies there is no need to purchase a separate standalone adapter. Each cable is functionally tested to ensure top performance and features rugged overmold connectors and double shielded PVC jackets which protect against EMI/RFI. This series is available in six standard off the shelf lengths. Custom cable lengths are available upon request.

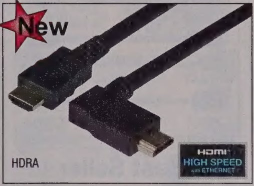
MHD-HD-0.5	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 0.5m	16.95	15.93	14.92	13.90	12.88
MHD-HD-1	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 1.0m	20.95	19.69	18.44	17.18	15.92
MHD-HD-2	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 2.0m	24.95	23.45	21.96	20.46	18.96
MHD-HD-3	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 3.0m	28.95	27.21	25.48	23.74	22.00
MHD-HD-4	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 4.0m	32.95	30.97	29.00	27.02	25.04
MHD-HD-5	HDMI Cable with Ethernet, HDMI Male / Mini HDMI Male, 5.0m	36.95	34.73	32.52	30.30	28.08

MHD-HD

✓RoHS HDMI® Right Angle Cable Assemblies- PVC Jacket

L-com's HDRA series cables are perfect for tight fit and confined space HDMI applications. These rugged cable assemblies feature a standard HDMI Male A connector on one end and a right angle HDMI Male A connector on the other. These right angle HDMI cables are designed for use in enclosures, cabinets or other confined spaces where standard HDMI connectors will not fit.

HDRA-0.5	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 0.5m	18.95	17.81	16.68	15.54	14.40
HDRA-1	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 1.0m	22.95	21.57	20.20	18.82	17.44
HDRA-2	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 2.0m	26.95	25.33	23.72	22.10	20.48
HDRA-3	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 3.0m	30.95	29.09	27.24	25.38	23.52
HDRA-4	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 4.0m	34.95	32.85	30.76	28.66	26.56
HDRA-5	High Speed HDMI Cable with Ethernet, Male / Right Angle Male, 5.0m	38.95	36.61	34.28	31.94	29.60



HDRA

✓RoHS L-com High Speed HDMI® Repeater Cable

L-com's new RHDCA series HDMI repeater cables extend the length of HDMI signals up to 20 meters (RHDCA-20) without the use of an external converter/booster. These unique HDMI repeater cables make A/V installations easy and aesthetically pleasing as the repeater module is built right into the connector over mold. These cables support High Speed HDMI which is designed to handle video resolutions of 1080p and beyond, including advanced display technologies like 3D and 4K.

RHDCA-10	High Speed HDMI Repeater Cable, Male / Male, 10.0m	99.95	97.95	95.95	93.95	91.95
RHDCA-12	High Speed HDMI Repeater Cable, Male / Male, 12.0m	110.00	107.80	105.60	103.40	101.20
RHDCA-15	High Speed HDMI Repeater Cable, Male / Male, 15.0m	120.00	117.60	115.20	112.80	110.40
RHDCA-20	High Speed HDMI Repeater Cable, Male / Male, 20.0m	135.00	132.30	129.60	126.90	124.20

RHDCA

✓RoHS HDMI® to DVI-D Cable Assemblies - Fully Molded

High Definition Multimedia Interface (HDMI) is the latest interface for the connection of audio/video equipment. HDMI is fully backwards compatible with DVI video signals. This series of cable allows connection of the digital video signal from a DVI-D interface to a HDMI interface. Available in 5 standard lengths from 1 to 5 meters

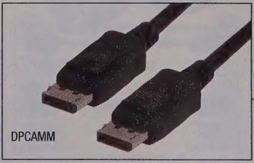
HD-DVI-MM-1	HDMI Cable, HDMI Male / DVI-D Male, Single Link, 1.0m	14.99	14.09	13.19	12.29	11.39
HD-DVI-MM-2	HDMI Cable, HDMI Male / DVI-D Male, Single Link, 2.0m	23.99	22.55	21.11	19.67	18.23
HD-DVI-MM-3	HDMI Cable, HDMI Male / DVI-D Male, Single Link, 3.0m	28.99	27.25	25.51	23.77	22.03
HD-DVI-MM-4	HDMI Cable, HDMI Male / DVI-D Male, Single Link, 4.0m	33.99	31.95	29.91	27.87	25.83
HD-DVI-MM-5	HDMI Cable, HDMI Male / DVI-D Male, Single Link, 5.0m	39.99	37.59	35.19	32.79	30.39

HD-DVI-MM

✓RoHS DisplayPort High Definition Audio/Video Cables

L-com's DisplayPort cables offer a single cable solution providing high definition digital audio and video for computing displays, graphic cards and laptops. DisplayPort replaces DVI and VGA cables and is the new digital display standard for PC computing. It is the HDMI equivalent for computers and provides a simple and easy connection for both high definition digital audio and video. Additionally, LSZH versions are offered for specialty applications.

DPCAMM-0.5	DisplayPort Cable Assembly, Male / Male, 0.5m	23.95	22.99	22.03	21.08	20.12
DPCAMM-1	DisplayPort Cable Assembly, Male / Male, 1.0m	25.95	24.91	23.87	22.84	21.80
DPCAMM-2	DisplayPort Cable Assembly, Male / Male, 2.0m	29.95	28.75	27.55	26.36	25.16
DPCAMM-3	DisplayPort Cable Assembly, Male / Male, 3.0m	33.95	32.59	31.23	29.88	28.52
DPCAMM-4	DisplayPort Cable Assembly, Male / Male, 4.0m	37.95	36.43	34.91	33.40	31.88
DPCAMM-5	DisplayPort Cable Assembly, Male / Male, 5.0m	41.95	40.27	38.59	36.92	35.24
DPCAMM-10	DisplayPort Cable Assembly, Male / Male, 10.0m	61.95	59.47	56.99	54.52	52.04
DPCAMM-15	DisplayPort Cable Assembly, Male / Male, 15.0m	81.95	78.67	75.39	72.12	68.84


DPCAMM

✓RoHS **RoHS status information**
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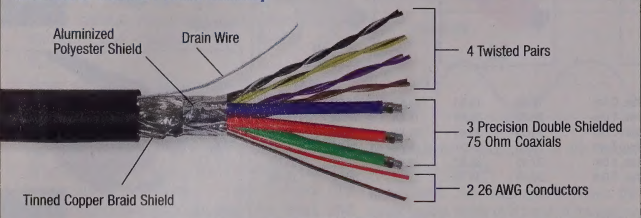
L-com® Global Connectivity

L-com vs. Our Competitors

Superior performance requires superior construction. The features beneath the surface are the reason many OEMs have chosen L-com as a key supplier of critical cabling. Superior connector termination utilizing an all steel box provides 360° shielding and reliable strain relief.

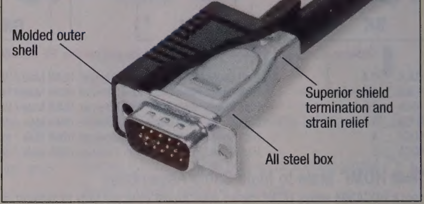
The bulk cable is double shielded and utilizes 3 mini true 75 Ohm coaxial lines for unmatched video performance. Available on L-com CTL premium and deluxe cable assemblies.

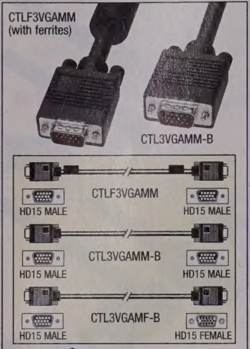
CTL3VGA / CGSVGA Cable Makeup


Aluminized Polyester Shield
Drain Wire
4 Twisted Pairs
3 Precision Double Shielded 75 Ohm Coaxials
2 26 AWG Conductors
Tinned Copper Braid Shield

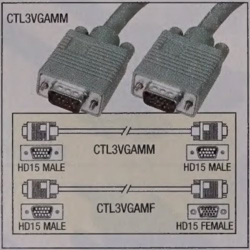
A cutaway view of one of L-com's premium and deluxe cables

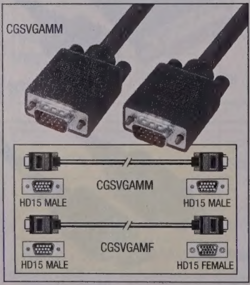
L-com's Construction





Best Seller





✓RoHS Premium Grade Black SVGA Cables - HD15M to HD15M with Coaxial Inners and Ferrites

Premium video assemblies utilize coaxial and twisted pair signal lines plus ferrite cores on either end for optimum video performance.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTLF3VGAMM-5	SVGA Cable, HD15 Male / Male with Ferrites, 5.0ft (1.5m)	3	32.00	30.72	29.44	28.16	26.88
CTLF3VGAMM-10	SVGA Cable, HD15 Male / Male with Ferrites, 10.0ft (3.0m)	3	42.00	40.32	38.64	36.96	35.28
CTLF3VGAMM-25	SVGA Cable, HD15 Male / Male with Ferrites, 25.0ft (7.6m)	3	72.00	69.12	66.24	63.36	60.48
CTLF3VGAMM-50	SVGA Cable, HD15 Male / Male with Ferrites, 50.0ft (15.2m)	3	122.00	117.12	112.24	107.36	102.48
CTLF3VGAMM-100	SVGA Cable, HD15 Male / Male with Ferrites, 100.0ft (30.5m)	3	222.00	213.12	204.24	195.36	186.48
CTLF3VGAMM-200	SVGA Cable, HD15 Male / Male with Ferrites, 200.0ft (61.0m)	3	422.00	405.12	388.24	371.36	354.48

✓RoHS Deluxe Grade Black SVGA Cables - HD15M to HD15M with Coaxial Inners

Deluxe video assemblies utilize coaxial and twisted pair signal lines for low loss of signal.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMM-3B	SVGA Cable, HD15 Male / Male, 3.0ft (0.9m)	3	21.00	19.74	18.48	17.22	15.96
CTL3VGAMM-5B	SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	24.00	22.56	21.12	19.68	18.24
CTL3VGAMM-10B	SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	31.50	29.61	27.72	25.83	23.94
CTL3VGAMM-20B	SVGA Cable, HD15 Male / Male, 20.0ft (6.1m)	3	46.50	43.71	40.92	38.13	35.34
CTL3VGAMM-25B	SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	54.00	50.76	47.52	44.28	41.04
CTL3VGAMM-50B	SVGA Cable, HD15 Male / Male, 50.0ft (15.2m)	3	91.50	86.01	80.52	75.03	69.54
CTL3VGAMM-100B	SVGA Cable, HD15 Male / Male, 100.0ft (30.5m)	3	166.50	156.51	146.52	136.53	126.54
CTL3VGAMM-150B	SVGA Cable, HD15 Male / Male, 150.0ft (15.2m)	3	241.50	227.01	212.52	198.03	183.54
CTL3VGAMM-200B	SVGA Cable, HD15 Male / Male, 200.0ft (61.0m)	3	316.50	297.51	278.52	259.53	240.54

✓RoHS Deluxe Grade Black SVGA Extension Cables - HD15M to HD15F with Coaxial Inners

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMF-5B	SVGA Extension Cable, HD15 Male / Female, 5.0ft (1.5m)	3	24.00	22.56	21.12	19.68	18.24
CTL3VGAMF-10B	SVGA Extension Cable, HD15 Male / Female, 10.0ft (3.0m)	3	31.50	29.61	27.72	25.83	23.94
CTL3VGAMF-20B	SVGA Extension Cable, HD15 Male / Female, 20.0ft (6.1m)	3	46.50	43.71	40.92	38.13	35.34
CTL3VGAMF-25B	SVGA Extension Cable, HD15 Male / Female, 25.0ft (7.6m)	3	54.00	50.76	47.52	44.28	41.04
CTL3VGAMF-50B	SVGA Extension Cable, HD15 Male / Female, 50.0ft (15.2m)	3	91.50	86.01	80.52	75.03	69.54
CTL3VGAMF-75B	SVGA Extension Cable, HD15 Male / Female, 75.0ft (22.9m)	3	129.00	121.26	113.52	105.78	98.04
CTL3VGAMF-100B	SVGA Extension Cable, HD15 Male / Female, 100.0ft (30.5m)	3	166.50	156.51	146.52	136.53	126.54
CTL3VGAMF-150B	SVGA Extension Cable, HD15 Male / Female, 150.0ft (45.7m)	3	241.50	227.01	212.52	198.03	183.54

✓RoHS Deluxe Grade Gray SVGA Cables - HD15M to HD15M or HD15M to HD15F with Coaxial Inners

These deluxe cables mate with high resolution color monitors and workstations having HD15 D-Sub connectors. High efficiency coaxial wiring is featured to support critical color lines. All molded construction, fully shielded throughout. OEM quantity pricing and special lengths upon request. Color: Gray.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMM-3	SVGA Cable, HD15 Male / Male, 3.0ft (0.9m)	3	26.95	24.79	22.64	20.48	18.33
CTL3VGAMM-5	SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	28.95	26.63	24.32	22.00	19.69
CTL3VGAMM-10	SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	33.95	31.23	28.52	25.80	23.09
CTL3VGAMF-5	SVGA Extension Cable, HD15 Male / Female, 5.0ft (1.5m)	3	28.95	26.63	24.32	22.00	19.69
CTL3VGAMF-10	SVGA Extension Cable, HD15 Male / Female, 10.0ft (3.0m)	3	33.95	31.23	28.52	25.80	23.09
CTL3VGAMF-25	SVGA Extension Cable, HD15 Male / Female, 25.0ft (7.6m)	3	48.95	45.03	41.12	37.20	33.29

✓RoHS Standard Grade Black SVGA Cable Assemblies - HD15M to HD15M or HD15M to HD15F

L-com's new competitively priced standard grade SVGA cables feature three 75 Ohm coaxial cables to assure high quality video signal transmission. Fully molded backshells provide durability and long life expectancy. These rugged RoHS compliant assemblies are available in standard off the shelf lengths from 3 to 50 feet.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CGSVGAMM-3	SVGA Cable, HD15 Male / Male, 3.0ft (0.9m)	3	10.99	10.11	9.23	8.35	7.47
CGSVGAMM-5	SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	11.99	11.03	10.07	9.11	8.15
CGSVGAMM-10	SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	18.79	17.29	15.78	14.28	12.78
CGSVGAMM-20	SVGA Cable, HD15 Male / Male, 20.0ft (6.1m)	3	32.00	29.44	26.88	24.32	21.76
CGSVGAMM-25	SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	35.00	32.20	29.40	26.60	23.80
CGSVGAMM-50	SVGA Cable, HD15 Male / Male, 50.0ft (15.2m)	3	68.99	63.47	57.95	52.43	46.91
CGSVGAMF-3	SVGA Cable, HD15 Male / Female, 3.0ft (0.9m)	3	11.20	10.30	9.41	8.51	7.62
CGSVGAMF-5	SVGA Cable, HD15 Male / Female, 5.0ft (1.5m)	3	12.20	11.22	10.25	9.27	8.30
CGSVGAMF-10	SVGA Cable, HD15 Male / Female, 10.0ft (3.0m)	3	19.05	17.53	16.00	14.48	12.95
CGSVGAMF-20	SVGA Cable, HD15 Male / Female, 20.0ft (6.1m)	3	33.33	30.66	28.00	25.33	22.66
CGSVGAMF-25	SVGA Cable, HD15 Male / Female, 25.0ft (7.6m)	3	35.49	32.65	29.81	26.97	24.13
CGSVGAMF-50	SVGA Cable, HD15 Male / Female, 50.0ft (15.2m)	3	69.19	63.65	58.12	52.58	47.05

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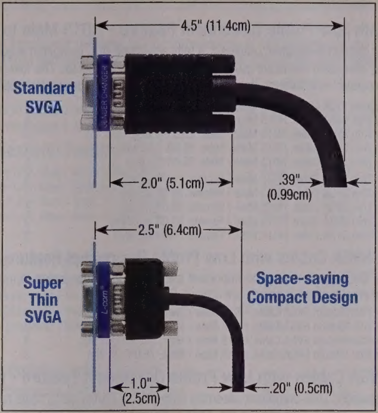
Super Thin SVGA is Ideal for Tight Fitting Spaces

The Super Thin SVGA series offers comparable performance of standard size SVGA assemblies in a much more compact size. Not only is the cable diameter greatly reduced but the depth of the HD15 backshell is also much more shallow than the backshells found on most SVGA assemblies. This results in a SVGA assembly that can be used in tight confines where a standard size SVGA assembly would be difficult if not impossible to use.

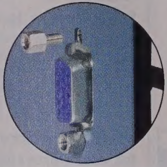
An additional feature of this series is reversible hardware allowing either panel mount using standoffs or traditional thumbscrews. The combined results of these features is a product series that is both compact and versatile. These features can be utilized to solve many difficult installation problems without sacrificing performance.

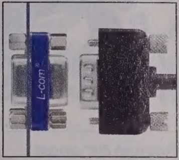
The Super Thin small profile construction is also utilized on our SVGA with disconnect series and our low profile KVM cables.

Note: All dimensions are for reference only.



Reversible Hardware


Detail of female end being panel mounted using standoffs


Detail of male end being mounted using thumbscrews

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499

☑RoHS Super Thin SVGA Cables with 3 Mini Coaxial Lines - HD15M to HD15M or HD15F

Utilize a revolutionary cable made with 3 ultra thin coaxial lines and still measures less than .23" in diameter. Another unique feature is user defined mounting hardware. Each cable end is capable of being connected with either male jack screws or hex standoffs with the supplied hardware! Color: Black.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMM-5T	Super Thin SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	30.00	28.20	26.40	24.60	22.80
CTL3VGAMM-10T	Super Thin SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	37.50	35.25	33.00	30.75	28.50
CTL3VGAMM-15T	Super Thin SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	45.00	42.30	39.60	36.90	34.20
CTL3VGAMM-25T	Super Thin SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	60.00	56.40	52.80	49.20	45.60
CTL3VGAMM-50T	Super Thin SVGA Cable, HD15 Male / Male, 50.0ft (15.2m)	3	97.50	91.65	85.80	79.95	74.10
CTL3VGAMF-5T	Super Thin SVGA Cable, HD15 Male / Female, 5.0ft (1.5m)	3	30.00	28.20	26.40	24.60	22.80
CTL3VGAMF-10T	Super Thin SVGA Cable, HD15 Male / Female, 10.0ft (3.0m)	3	37.50	35.25	33.00	30.75	28.50
CTL3VGAMF-15T	Super Thin SVGA Cable, HD15 Male / Female, 15.0ft (4.6m)	3	45.00	42.30	39.60	36.90	34.20
CTL3VGAMF-25T	Super Thin SVGA Cable, HD15 Male / Female, 25.0ft (7.6m)	3	60.00	56.40	52.80	49.20	45.60
CTL3VGAMF-50T	Super Thin SVGA Cable, HD15 Male / Female, 50.0ft (15.2m)	3	97.50	91.65	85.80	79.95	74.10

☑RoHS Plenum Jacket Super Thin SVGA Cables - HD15M to HD15M or HD15F

This series is identical to our Super Thin SVGA cables with one important exception, the cable outer jacket and HD15 connector backshell overmold are made from CMP grade plenum material. Color: Black.

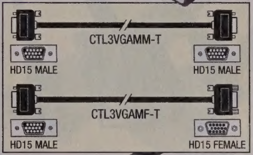
Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMM-5TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	80.00	78.40	76.80	75.20	73.60
CTL3VGAMM-10TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	130.00	127.40	124.80	122.20	119.60
CTL3VGAMM-15TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	180.00	176.40	172.80	169.20	165.60
CTL3VGAMM-25TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	280.00	274.40	268.80	263.20	257.60
CTL3VGAMM-50TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 50.0ft (15.2m)	3	530.00	519.40	508.80	498.20	487.60
CTL3VGAMF-5TP	Super Thin Plenum SVGA Cable, HD15 Male / Female, 5.0ft (1.5m)	3	80.00	78.40	76.80	75.20	73.60
CTL3VGAMF-10TP	Super Thin Plenum SVGA Cable, HD15 Male / Female, 10.0ft (3.0m)	3	130.00	127.40	124.80	122.20	119.60
CTL3VGAMF-15TP	Super Thin Plenum SVGA Cable, HD15 Male / Female, 15.0ft (4.6m)	3	180.00	176.40	172.80	169.20	165.60
CTL3VGAMF-25TP	Super Thin Plenum SVGA Cable, HD15 Male / Female, 25.0ft (7.6m)	3	280.00	274.40	268.80	263.20	257.60
CTL3VGAMF-50TP	Super Thin Plenum SVGA Cable, HD15 Male / Female, 50.0ft (15.2m)	3	530.00	519.40	508.80	498.20	487.60

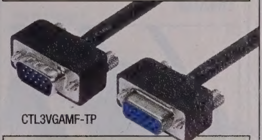
☑RoHS LSZH Jacket Super Thin SVGA Cables – HD15M to HD15M or HD15F Cable Assembly

This series of SVGA cables features both our small diameter Super Thin cable and our LSZH jacket for applications where low smoke is critical. An additional feature of this series is our reversible hardware allowing both panel mount using standoffs or traditional thumbscrews. High quality video signal transmission is assured as a result of the three 75 Ohm coaxial lines used in these premium SVGA assemblies. The low profile configuration of our fully molded HD15 backshell makes these assemblies ideal for tight fit installations. Available in 5 standard lengths from 5 to 50 feet.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3VGAMM-5TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 5.0ft (1.5m)	3	46.00	43.24	40.48	37.72	34.96
CTL3VGAMM-10TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 10.0ft (3.0m)	3	61.00	57.34	53.68	50.02	46.36
CTL3VGAMM-15TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	76.00	71.44	66.88	62.32	57.76
CTL3VGAMM-25TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	106.00	99.64	93.28	86.92	80.56
CTL3VGAMM-50TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 50.0ft (15.2m)	3	181.00	170.14	159.28	148.42	137.56
CTL3VGAMF-5TZ	Super Thin LSZH SVGA Cable, HD15 Male / Female, 5.0ft (1.5m)	3	46.00	43.24	40.48	37.72	34.96
CTL3VGAMF-10TZ	Super Thin LSZH SVGA Cable, HD15 Male / Female, 10.0ft (3.0m)	3	61.00	57.34	53.68	50.02	46.36
CTL3VGAMF-15TZ	Super Thin LSZH SVGA Cable, HD15 Male / Female, 15.0ft (4.6m)	3	76.00	71.44	66.88	62.32	57.76
CTL3VGAMF-25TZ	Super Thin LSZH SVGA Cable, HD15 Male / Female, 25.0ft (7.6m)	3	106.00	99.64	93.28	86.92	80.56
CTL3VGAMF-50TZ	Super Thin LSZH SVGA Cable, HD15 Male / Female, 50.0ft (15.2m)	3	181.00	170.14	159.28	148.42	137.56

CTL3VGAMM-T

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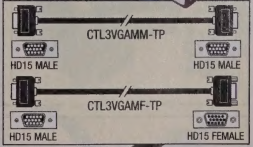

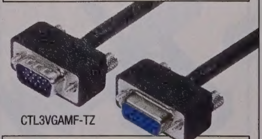
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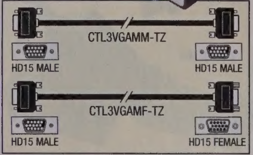
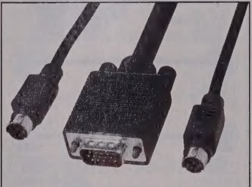
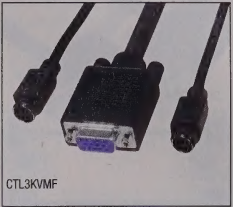


Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.





☑RoHS SVGA Cables with Low Profile Disconnect Feature - HD15 Male to HD15 Male or HD15 Female

Now there is a solution to your difficult installation problems. A fully populated DDC compliant assembly with HD15 male/male or male/female connectors utilizing our Super Thin cable, reversible hardware plus a low profile break connector. The low profile break connector's small size (.75" wide) allows routing through 3/4" (1.9cm) conduit and through tight spaces that would not accommodate the size of a HD15 connector. Color: Black.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTLB3VGAMM-15T	Super Thin SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	70.00	63.00	56.00	49.00	42.00
CTLB3VGAMM-20T	Super Thin SVGA Cable, HD15 Male / Male, 20.0ft (6.1m)	3	80.00	72.00	64.00	56.00	48.00
CTLB3VGAMM-25T	Super Thin SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	90.00	81.00	72.00	63.00	54.00
CTLB3VGAMM-50T	Super Thin SVGA Cable, HD15 Male / Male, 50.0ft (15.24m)	3	140.00	126.00	112.00	98.00	84.00
CTLB3VGAMM-75T	Super Thin SVGA Cable, HD15 Male / Male, 75.0ft (22.9m)	3	190.00	171.00	152.00	133.00	114.00
CTLB3VGAMF-15T	Super Thin SVGA Cable, HD15 Male / Female, 15.0ft (4.6m)	3	70.00	63.00	56.00	49.00	42.00
CTLB3VGAMF-20T	Super Thin SVGA Cable, HD15 Male / Female, 20.0ft (6.1m)	3	80.00	75.20	70.40	65.60	60.80
CTLB3VGAMF-25T	Super Thin SVGA Cable, HD15 Male / Female, 25.0ft (7.6m)	3	90.00	81.00	72.00	63.00	54.00
CTLB3VGAMF-50T	Super Thin SVGA Cable, HD15 Male / Female, 50.0ft (15.24m)	3	140.00	126.00	112.00	98.00	84.00
CTLB3VGAMF-75T	Super Thin SVGA Cable, HD15 Male / Female, 75.0ft (22.9m)	3	190.00	171.00	152.00	133.00	114.00

☑RoHS Plenum Jacket SVGA Cables with Low Profile Disconnect Feature - HD15 Male to HD15 Male

This series is identical to our SVGA cables with one important exception, the outer jacket is made from CMP grade plenum material for applications where fire resistance and low smoke characteristics are critical. Color: Black.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTLB3VGAMM-15TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	225.00	220.50	216.00	211.50	207.00
CTLB3VGAMM-25TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	325.00	318.50	312.00	305.50	299.00
CTLB3VGAMM-50TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 50.0ft (15.24m)	3	575.00	563.50	552.00	540.50	529.00
CTLB3VGAMM-75TP	Super Thin Plenum SVGA Cable, HD15 Male / Male, 75.0ft (22.9m)	3	825.00	808.50	792.00	775.50	759.00

☑RoHS LSZH Jacket SVGA Cables with Low Profile Disconnect Feature - HD15 Male to HD15 Male

This series features a fully populated DDC compliant assembly with (2) low profile HD15 male connectors and our low smoke zero halogen Super Thin cable. An additional feature is our unique user defined mounting hardware plus a low profile break connector which allows routing through 3/4" (1.9cm) conduit and other tight spaces. Offered in standard lengths with a 1 foot lead in length to the low profile connector.

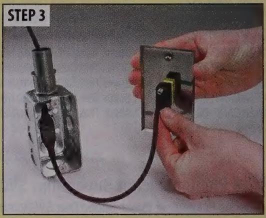
Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTLB3VGAMM-15TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 15.0ft (4.6m)	3	85.00	79.90	74.80	69.70	64.60
CTLB3VGAMM-20TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 20.0ft (6.1m)	3	100.00	94.00	88.00	82.00	76.00
CTLB3VGAMM-25TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 25.0ft (7.6m)	3	115.00	108.10	101.20	94.30	87.40
CTLB3VGAMM-50TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 50.0ft (15.24m)	3	190.00	178.60	167.20	155.80	144.40
CTLB3VGAMM-75TZ	Super Thin LSZH SVGA Cable, HD15 Male / Male, 75.0ft (22.9m)	3	265.00	249.10	233.20	217.30	201.40

Use the CTLB series cable for running through 3/4" (1.9cm) conduit

Online Video
L-com.com/videos/A04

Feed socket end through conduit (3/4" min. dia.) into destination outlet.

Slip shrinkable tubing onto cable, mate the breakaway connector matching alignment arrows and secure.



Attach pre-terminated HD15 connector to faceplate and attach to outlet.

☑RoHS KVM Cables - Integrate HD15 Video and 2 Mini DIN 6 Keyboard and Mouse Lines in One

The CTL3KVM series combines a HD15 (video) cable with two Mini DIN 6 (keyboard and mouse) lines into one assembly. Available in male-male genders for interconnection between a KVM switch and CPU or male-female for connecting between a CPU and the keyboard, monitor and mouse. Color: Black.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3KVMM-3	KVM Cable, Male / Male, 3.0ft (0.9m)		47.70	45.79	43.88	41.98	40.07
CTL3KVMM-5	KVM Cable, Male / Male, 5.0ft (1.5m)		51.50	49.44	47.38	45.32	43.26
CTL3KVMM-7.5	KVM Cable, Male / Male, 7.5 ft (2.3cm)		56.25	54.00	51.75	49.50	47.25
CTL3KVMM-10	KVM Cable, Male / Male, 10.0ft (3.0m)		61.00	58.56	56.12	53.68	51.24
CTL3KVMM-20	KVM Cable, Male / Male, 20.0ft (6.1m)		80.00	76.80	73.60	70.40	67.20
CTL3KVMM-25	KVM Cable, Male / Male, 25.0ft (7.6m)		89.50	85.92	82.34	78.76	75.18
CTL3KVMM-50	KVM Cable, Male / Male, 50.0ft (15.24m)		137.00	131.52	126.04	120.56	115.08
CTL3KVMM-100	KVM Cable, Male / Male, 100.0ft (30.5m)		232.00	222.72	213.44	204.16	194.88
CTL3KVMF-3	KVM Cable, Male / Female, 3.0ft (0.9m)		49.70	47.71	45.72	43.74	41.75
CTL3KVMF-5	KVM Cable, Male / Female, 5.0ft (1.5m)		53.50	51.36	49.22	47.08	44.94
CTL3KVMF-7.5	KVM Cable, Male / Female, 7.5 ft (2.3cm)		58.25	55.92	53.59	51.26	48.93
CTL3KVMF-10	KVM Cable, Male / Female, 10.0ft (3.0m)		63.00	60.48	57.96	55.44	52.92
CTL3KVMF-20	KVM Cable, Male / Female, 20.0ft (6.1m)		82.00	78.72	75.44	72.16	68.88
CTL3KVMF-25	KVM Cable, Male / Female, 25.0ft (7.6m)		91.50	87.84	84.18	80.52	76.86
CTL3KVMF-50	KVM Cable, Male / Female, 50.0ft (15.24m)		139.00	133.44	127.88	122.32	116.76
CTL3KVMF-100	KVM Cable, Male / Female, 100.0ft (30.5m)		234.00	224.64	215.28	205.92	196.56

Enhanced Video Connector (EVC or P&D) Cable Assemblies

The Video Electronics Standards Association (VESA) established a standard for advanced high bandwidth/high resolution monitors. It's called EVC, which stands for Enhanced Video Connector. Also known as P&D (Plug & Display), this standard was designed for higher bandwidth video transmission exceeding 2 GHz. It also utilizes connections for multimedia devices via Universal Serial Bus (USB), IEEE-1394 and Display Data Channel (DDC) pins inherent in the connector.

☑RoHS EVC Male to EVC Male, Fully Populated, Molded Cable Assembly

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTLEVCMM-5	EVC Cable, Male / Male, 5.0ft (1.5m)		104.00	101.92	99.84	97.76	95.68
CTLEVCMM-10	EVC Cable, Male / Male, 10.0ft (3.0m)		116.50	114.17	111.84	109.51	107.18
CTLEVCMM-15	EVC Cable, Male / Male, 15.0ft (4.6m)		129.00	126.42	123.84	121.26	118.68
CTLEVCMM-25	EVC Cable, Male / Male, 25.0ft (7.6m)		154.00	150.92	147.84	144.76	141.68
CTLEVCMM-50	EVC Cable, Male / Male, 50.0ft (15.24m)		259.00	253.82	248.64	243.46	238.28

L-com® Global Connectivity

Running CTLB cable through 3/4" (1.9cm) conduit
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L-com.com/Videos/A04

DVI Products

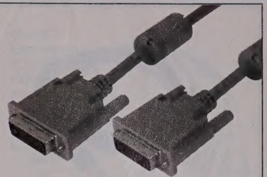
DVI (Digital Video Interface) is a widely used interface specifically designed for the transmission of digital video signals. L-com's DVI cable assemblies and adapters are offered in various interface combinations and gender configurations to address a broad range of connection applications.

DVI Cable Assemblies - Fully Molded with Ferrites

This series of DVI cable assemblies features a molded integrated ferrite on both ends for EMI/RFI protection and a fully molded and shielded backshell. Offered in 4 standard lengths not exceeding the recommended 5 meter maximum for DVI cables.

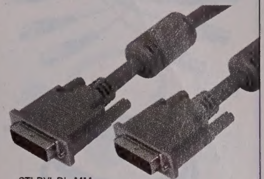
RoHS DVI-D Single Link Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVIMM-3	DVI Cable, DVI-D Single Link, Male / Male, 3.0ft (0.9m)	13.95	12.83	11.72	10.60	9.49
CTLDVIMM-5	DVI Cable, DVI-D Single Link, Male / Male, 5.0ft (1.5m)	15.95	14.67	13.40	12.12	10.85
CTLDVIMM-10	DVI Cable, DVI-D Single Link, Male / Male, 10.0ft (3.0m)	20.95	19.27	17.60	15.92	14.25
CTLDVIMM-15	DVI Cable, DVI-D Single Link, Male / Male, 15.0ft (4.6m)	25.95	23.87	21.80	19.72	17.65


CTLDVIMM

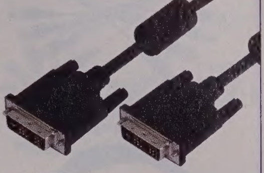
RoHS DVI-D Dual Link Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVI-DL-MM-3	DVI Cable, DVI-D Dual Link, Male / Male, 3.0ft (0.9m)	19.95	18.35	16.76	15.16	13.57
CTLDVI-DL-MM-5	DVI Cable, DVI-D Dual Link, Male / Male, 5.0ft (1.5m)	21.95	20.19	18.44	16.68	14.93
CTLDVI-DL-MM-10	DVI Cable, DVI-D Dual Link, Male / Male, 10.0ft (3.0m)	26.95	24.79	22.64	20.48	18.33
CTLDVI-DL-MM-15	DVI Cable, DVI-D Dual Link, Male / Male, 15.0ft (4.6m)	31.95	29.39	26.84	24.28	21.73


CTLDVI-DL-MM

RoHS DVI-D Single Link LSZH Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVIMMLZ-3	DVI LSZH Cable, DVI-D Single Link, Male / Male, 3.0ft (0.9m)	15.95	14.99	14.04	13.08	12.12
CTLDVIMMLZ-5	DVI LSZH Cable, DVI-D Single Link, Male / Male, 5.0ft (1.5m)	17.95	16.87	15.80	14.72	13.64
CTLDVIMMLZ-10	DVI LSZH Cable, DVI-D Single Link, Male / Male, 10.0ft (3.0m)	22.95	21.57	20.20	18.82	17.44
CTLDVIMMLZ-15	DVI LSZH Cable, DVI-D Single Link, Male / Male, 15.0ft (4.6m)	27.95	26.27	24.60	22.92	21.24

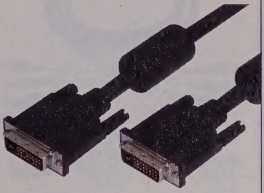

CTLDVIMMLZ

RoHS DVI-D Dual Link LSZH Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVIDMMLZ-3	DVI LSZH Cable, DVI-D Dual Link, Male / Male, 3.0ft (0.9m)	22.95	21.57	20.20	18.82	17.44
CTLDVIDMMLZ-5	DVI LSZH Cable, DVI-D Dual Link, Male / Male, 5.0ft (1.5m)	26.95	25.33	23.72	22.10	20.48
CTLDVIDMMLZ-10	DVI LSZH Cable, DVI-D Dual Link, Male / Male, 10.0ft (3.0m)	36.95	34.73	32.52	30.30	28.08
CTLDVIDMMLZ-15	DVI LSZH Cable, DVI-D Dual Link, Male / Male, 15.0ft (4.6m)	46.95	44.13	41.32	38.50	35.68

RoHS DVI-I Single Link Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVI-ISL-MM-3	DVI Cable, DVI-I Single Link, Male / Male, 3.0ft (0.9m)	16.61	15.28	13.95	12.62	11.29
CTLDVI-ISL-MM-5	DVI Cable, DVI-I Single Link, Male / Male, 5.0ft (1.5m)	18.26	16.80	15.34	13.88	12.42
CTLDVI-ISL-MM-10	DVI Cable, DVI-I Single Link, Male / Male, 10.0ft (3.0m)	22.21	20.43	18.66	16.88	15.10
CTLDVI-ISL-MM-15	DVI Cable, DVI-I Single Link, Male / Male, 15.0ft (4.6m)	26.21	24.11	22.02	19.92	17.82


CTLDVIDMMLZ

RoHS DVI-I Dual Link Cable Assemblies with Ferrites

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVI-I-MM-3	DVI Cable, DVI-I Dual Link, Male / Male, 3.0ft (0.9m)	18.34	16.87	15.41	13.94	12.47
CTLDVI-I-MM-5	DVI Cable, DVI-I Dual Link, Male / Male, 5.0ft (1.5m)	20.76	19.10	17.44	15.78	14.12
CTLDVI-I-MM-10	DVI Cable, DVI-I Dual Link, Male / Male, 10.0ft (3.0m)	26.71	24.57	22.44	20.30	18.16
CTLDVI-I-MM-15	DVI Cable, DVI-I Dual Link, Male / Male, 15.0ft (4.6m)	32.66	30.05	27.43	24.82	22.21

DVI-D Right Angle Cable Assemblies

L-com's DVIDS-RA-XX and DVIDD-RA-XX series cables are perfect for tight fit and confined space DVI applications. These rugged cable assemblies feature a standard DVI-D connector on one end and a space saving right angle DVI-D connector on the other. These right angle DVI cables are designed for use in enclosures, cabinets or other confined spaces where standard DVI connectors will not fit.

RoHS DVI-D Single Link Right Angle Cable Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
DVIDS-RA-1	DVI-D Cable Single Link Right Angle, Male / Male, 1.0ft (0.3m)	18.75	17.63	16.50	15.38	14.25
DVIDS-RA-3	DVI-D Cable Single Link Right Angle, Male / Male, 3.0ft (0.9m)	20.50	19.27	18.04	16.81	15.58
DVIDS-RA-5	DVI-D Cable Single Link Right Angle, Male / Male, 5.0ft (1.5m)	22.00	20.68	19.36	18.04	16.72
DVIDS-RA-10	DVI-D Cable Single Link Right Angle, Male / Male, 10.0ft (30.m)	25.75	24.20	22.66	21.12	19.57
DVIDS-RA-15	DVI-D Cable Single Link Right Angle, Male / Male, 15.0ft (4.6m)	30.00	28.20	26.40	24.60	22.80

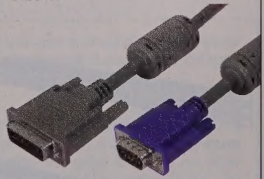
DVIDS-RA

RoHS DVI-D Dual Link Right Angle Cable Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
DVIDD-RA-1	DVI-D Cable Dual Link Right Angle, Male / Male, 1.0ft (0.3m)	23.25	21.86	20.46	19.07	17.67
DVIDD-RA-3	DVI-D Cable Dual Link Right Angle, Male / Male, 3.0ft (0.9m)	26.00	24.44	22.88	21.32	19.76
DVIDD-RA-5	DVI-D Cable Dual Link Right Angle, Male / Male, 5.0ft (1.5m)	28.75	27.02	25.30	23.58	21.85
DVIDD-RA-10	DVI-D Cable Dual Link Right Angle, Male / Male, 10.0ft (3.0m)	35.50	33.37	31.24	29.11	26.98
DVIDD-RA-15	DVI-D Cable Dual Link Right Angle, Male / Male, 15.0ft (4.6m)	42.75	40.18	37.62	35.05	32.49

RoHS DVI-A to HD15 Cable Assemblies with Ferrites

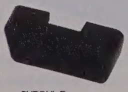
Item #	Description	1-9	10-24	25-99	100-249	250-499
CTLDVI-HD-MM-3	DVI Cable, DVI-A to HD15, Male / Male, 3.0ft (0.9m)	14.95	13.75	12.56	11.36	10.17
CTLDVI-HD-MM-5	DVI Cable, DVI-A to HD15, Male / Male, 5.0ft (1.5m)	16.95	15.59	14.24	12.88	11.53
CTLDVI-HD-MM-10	DVI Cable, DVI-A to HD15, Male / Male, 10.0ft (3.0m)	20.95	19.27	17.60	15.92	14.25
CTLDVI-HD-MM-15	DVI Cable, DVI-A to HD15, Male / Male, 15.0ft (4.6m)	25.95	23.87	21.80	19.72	17.65


CTLDVI-HD-MM

RoHS DVI Dust Covers - Male and Female

L-com's DVI dust covers protect unused DVI connectors on cable assemblies and DVI receptacles on DVI equipment including DVI KVM switches, DVI Extenders, DVI splitters, and more! We offer both male and female DVI dust covers in packages of 10.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CVRDVI-M	DVI Dust Cover, Male, Pkg/10	5.95	5.71	5.47	5.24	5.00
CVRDVI-F	DVI Dust Cover, Female, Pkg/10	5.95	5.71	5.47	5.24	5.00


CVRDVI-F

CVRDVI-M

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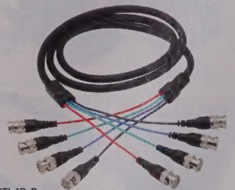
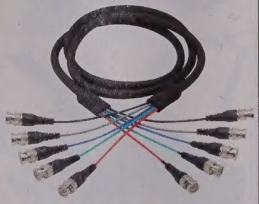
go to...L-com.com

CTL3B-B



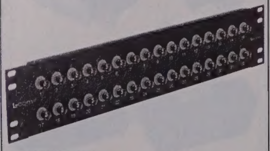
CTL4B-B



CTL5B-B

CTL8B-B

PR175B1675BLK



PR35B3275BLK

☑RoHS Premium 3 Line Coaxial Cable with BNC Plugs

These extraordinary low loss coaxials are particularly suitable for transmission of RGB signals over extended distances without worry of signal deterioration or crosstalk. Each individual Slimline coaxial has a 75 Ohm impedance and a full shield coverage comprised of a copper braid and mylar shield. Coaxial colors are Red, Green, Blue, Black and Gray. Outer appearance is Black including molded strain reliefs.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL3B-5B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 5.0ft (1.5m)	3	21.75	20.01	18.27	16.53	14.79
CTL3B-7.5B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 7.5ft (2.3m)	3	25.15	23.14	21.13	19.11	17.10
CTL3B-10B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 10.0ft (3.0m)	3	28.50	26.22	23.94	21.66	19.38
CTL3B-15B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 15.0ft (4.6m)	3	35.25	32.43	29.61	26.79	23.97
CTL3B-25B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 25.0ft (7.6m)	3	48.75	44.85	40.95	37.05	33.15
CTL3B-50B	Premium Multi-Coaxial Cable, 3 BNC Male / Male, 50.0ft (15.24m)	3	82.50	75.90	69.30	62.70	56.10

☑RoHS Premium 4 Line Coaxial Cable with BNC Plugs

These multiple line coaxial assemblies provide a neatly packaged bundle for use in such applications as video servers. They replace individual coaxial runs that can be difficult to handle in high density applications eliminating unsightly cable entanglements. Individual coaxial lines are color coded to assure proper connections are made. All coaxial lines are 75 Ohm impedance and feature full shield coverage comprised of copper braid and aluminum backed Mylar.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL4B-5B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 5.0ft (1.5m)	4	26.50	24.38	22.26	20.14	18.02
CTL4B-7.5B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 7.5ft (2.3m)	4	30.75	28.29	25.83	23.37	20.91
CTL4B-10B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 10.0ft (3.0m)	4	35.00	32.20	29.40	26.60	23.80
CTL4B-15B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 15.0ft (4.6m)	4	43.50	40.02	36.54	33.06	29.58
CTL4B-25B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 25.0ft (7.6m)	4	60.50	55.66	50.82	45.98	41.14
CTL4B-50B	Premium Multi-Coaxial Cable, 4 BNC Male / Male, 50.0ft (15.24m)	4	103.00	94.76	86.52	78.28	70.04

☑RoHS Premium 5 Line Coaxial Cable with BNC Plugs

L-com's Premium grade five line BNC coaxial cables are perfect for professional 75 Ohm analog video applications. Each coax line is color coded so identification of attached devices for troubleshooting and reference is a snap. These cables future double shielding consisting of a copper braid as well as aluminum Mylar wrap.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL5B-5B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 5.0ft (1.5m)	5	31.50	28.98	26.46	23.94	21.42
CTL5B-7.5B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 7.5ft (2.3m)	5	36.75	33.81	30.87	27.93	24.99
CTL5B-10B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 10.0ft (3.0m)	5	42.00	38.64	35.28	31.92	28.56
CTL5B-15B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 15.0ft (4.6m)	5	52.50	48.30	44.10	39.90	35.70
CTL5B-25B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 25.0ft (7.6m)	5	73.50	67.62	61.74	55.86	49.98
CTL5B-50B	Premium Multi-Coaxial Cable, 5 BNC Male / Male, 50.0ft (15.24m)	5	126.00	115.92	105.84	95.76	85.68

☑RoHS Premium 8 Line Coaxial Cable with BNC Plugs

Perfect for high density video applications, these eight line coaxial cables replace individual coax cable runs that can be difficult to handle and route in dense connectivity applications. Double shielded and color coded, these robust cable assemblies provide quality 75 Ohm along video output..

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL8B-5B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 5.0ft (1.5m)	8	75.00	70.50	66.00	61.50	57.00
CTL8B-7.5B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 7.5ft (2.3m)	8	80.00	75.20	70.40	65.60	60.80
CTL8B-10B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 10.0ft (3.0m)	8	85.00	79.90	74.80	69.70	64.60
CTL8B-15B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 15.0ft (4.6m)	8	95.00	89.30	83.60	77.90	72.20
CTL8B-20B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 20.0ft 6.1m)	8	105.00	98.70	92.40	86.10	79.80
CTL8B-25B	Premium Multi-Coaxial Cable, 8 BNC Male / Male, 25.0ft (7.6m)	8	115.00	108.10	101.20	94.30	87.40

☑RoHS L-com 75 Ohm BNC 1U/2U Patch Panels – 19" (48.3cm) Rack Style

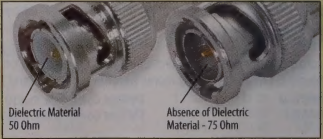
These robust BNC patch panels are made from 16 gauge cold rolled steel and finished with a durable black powder coat. These patch panels can be mounted in any 19" rack or cabinet.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
PR175B1675BLK	1.75" (4.4cm) Panel, 16 - 75 Ohm BNC Adapters Insulated		109.95	101.15	92.36	83.56	CALL
PR35B3275BLK	3.50" (8.9cm) Panel, 32 - 75 Ohm BNC Adapters Insulated		209.95	193.15	176.36	159.56	CALL

Tip

Distinguishing between 50 and 75 Ohm BNC connectors

BNC connectors are one of the few coaxial connectors that are available in two impedance values of 50 and 75 Ohms. You can distinguish the two types by the absence of dielectric material at the interface of the 75 Ohm version as shown.



Understanding cable flammability ratings
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RoHS Premium Grade Black SVGA Breakout Cables - HD15M to 5 BNC Plugs

This is our best quality VGA cable. It makes use of the most comprehensive shielding to minimize the amount of RF radiation that may escape through the cable. Five 75 Ohm miniature coaxials have a durable double shield composed of aluminum mylar and a copper braid; and another double shield composed of aluminum mylar and copper braid over the 5 coaxials. The connector shell has a full metal shell which is fully over-molded. There is just no better VGA cable made. Color: Black. **Note:** HD15 connections: Pin #1 Red, 2 Green, 3 Blue, 13 Horizontal, 14 Vertical. All shields terminate to pins 5 thru 10. No connection pins 4, 9, 11, 12 and 15.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL5CAT-3B	SVGA Breakout Cable, HD15 Male / 5 BNC Male, 3.0ft (0.9m)	5	33.65	30.96	28.27	25.57	22.88
CTL5CAT-6B	SVGA Breakout Cable, HD15 Male / 5 BNC Male, 6.0ft (1.8m)	5	39.95	36.75	33.56	30.36	27.17
CTL5CAT-6BF	SVGA Breakout Cable, HD15 Male / 5 BNC Male with Ferrite, 6.0ft (1.8m)	5	42.35	38.96	35.57	32.19	28.80
CTL5CAT-12B	SVGA Breakout Cable, HD15 Male / 5 BNC Male, 12.0ft (3.6m)	5	52.55	48.35	44.14	39.94	35.73

RoHS Premium Grade Gray SVGA Breakout Cables - HD15M to 5 BNC Plugs

We offer five 75 Ohm Slimline coaxial cables with Male BNC terminations. They have easily identified colored cables: Red, Green, Blue and Black/White for Vertical/Horizontal use. The other end terminates to a High Density 15 pin D-Sub connector. Color: Gray. **Note:** HD15 connections: Pin #1 Red, 2 Green, 3 Blue, 13 Horizontal, 14 Vertical. All shields terminate to pins 5 thru 10. No connection pins 4, 9, 11, 12 and 15.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL5CAT-3	SVGA Breakout Cable, HD15 Male / 5 BNC Male, 3.0ft (0.9m)	5	33.65	30.96	28.27	25.57	22.88
CTL5CAT-6	SVGA Breakout Cable, HD15 Male / 5 BNC Male, 6.0ft (1.8m)	5	39.95	36.75	33.56	30.36	27.17
CTL5CAT-6F	SVGA Breakout Cable, HD15 Male / 5 BNC Male with Ferrite, 6.0ft (1.8m)	5	42.35	38.96	35.57	32.19	28.80

RoHS Premium Grade Gray SVGA Breakout Extension Cables - HD15M to 5 BNC Jacks

Note: HD15 connections: Pin #1 Red, 2 Green, 3 Blue, 13 Horizontal, 14 Vertical. All shields terminate to pins 5 thru 10. No connection pins 4, 9, 11, 12 and 15.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL5CAR-1.5	SVGA Breakout Ext. Cable, HD15 Male / 5 BNC Female, 1.5ft (0.5m)	5	33.65	30.96	28.27	25.57	22.88

RoHS Premium Grade Gray SVGA Breakout Cable - DB9M to 4 BNC Plugs

Note: DB9 connections: Pin #1 Red, 2 Green, 3 Blue, 4 Black, 6, 7, 8 and 9 Common Wired Shields.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL4CAD-6	SVGA Breakout Cable, DB9 Male / 4 BNC Male, 6.0ft (1.8m)	4	29.40	27.05	24.70	22.34	19.99

RoHS Premium Grade Gray SVGA Breakout Cables - DB9M to 5 BNC Plugs

We offer five 75 Ohm Slimline coaxial cables with Male BNC terminations. Color coded for easy identification: Red, Green, Blue and Black/White for Vertical/Horizontal use. The other end terminates to a male 9-pin D-Sub connector. Molded strain relief provided. Color: Gray. **Note:** DB9 connections: Pin #1 Red, 2 Green, 3 Blue, 4 Horizontal, 5 Vertical and 6-9 Common Ground.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL5CAD-3	SVGA Breakout Cable, DB9 Male / 5 BNC Male, 3.0ft (0.9m)	5	27.25	25.07	22.89	20.71	18.53
CTL5CAD-6	SVGA Breakout Cable, DB9 Male / 5 BNC Male, 6.0ft (1.8m)	5	32.50	29.90	27.30	24.70	22.10
CTL5CAD-6F	SVGA Breakout Cable, DB9 Male / 5 BNC Male, 6.0ft (1.8m)	5	34.90	32.11	29.32	26.52	23.73

RoHS Premium Grade Gray SVGA Breakout Cables - HD15M to 4 BNC Plugs

Four 75 Ohm Slimline coaxial cables with Male BNC terminations. Color coded coaxials in Red, Green and Blue for easy identification. The other end terminates to a High Density 15 pin D-Sub connector. Optionally available with built-in Ferrite on the 6ft cable. All cables molded for long life. Color: Gray. **Note:** HD15 connections: Pin #1 Red, 2 Green, 3 Blue, 13 Horizontal. All shields terminate to common pins 5, 6, 7, 8 and 10. No connection pins 4, 9, 11, 12, 14 and 15.

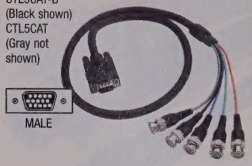
Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL4CAT-3	SVGA Breakout Cable, HD15 Male / 4 BNC Male, 3.0ft (0.9m)	4	28.20	25.94	23.69	21.43	19.18
CTL4CAT-6	SVGA Breakout Cable, HD15 Male / 4 BNC Male, 6.0ft (1.8m)	4	32.40	29.81	27.22	24.62	22.03
CTL4CAT-6F	SVGA Breakout Cable, HD15 Male / 4 BNC Male, with Ferrite, 6.0ft (1.8m)	4	34.80	32.02	29.23	26.45	23.66

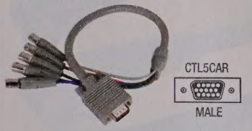
RoHS Premium Grade Gray SVGA Breakout Extension Cable - HD15M to 4 BNC Jacks

Note: HD15 connections: Pin #1 Red, 2 Green, 3 Blue, 13 Sync. All shields terminate to pins 5 thru 10.

Item #	Description	#Coax	1-9	10-24	25-99	100-249	250-499
CTL4CAR-1.5	SVGA Breakout Ext. Cable, HD15 Male / 4 BNC Female, 1.5ft (0.5m)	4	28.30	26.04	23.77	21.51	19.24

CTL5CAT-B
(Black shown)
CTL5CAT
(Gray not
shown)

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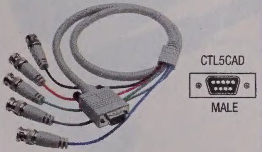
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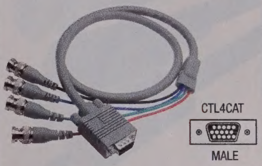
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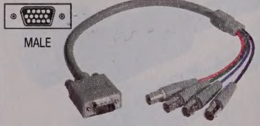
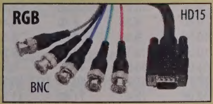
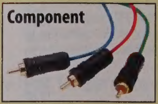
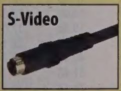


Tip Video signal transmission

Video images are transmitted across cables in a variety of ways. From a single coaxial cable (even non coaxial cable in some cases) to the use of as many as 5 coaxial lines to transmit the video image. Basically, the more the video signal is broken down by the use of more transmission lines into individual components, the better the video image. The following is a progressive list on commonly used video signal transmission methods:







Red, Green, Blue (RGB): This method uses 3 to 5 coaxial lines with BNC style connectors or HD15 interface. The video signal is split into three primary colors, Red, Green, Blue with separate lines often used for control signals. This method produces an extremely high quality video image.

Component: Three coaxial lines are used in this method with RCA style connectors. Black and White information is carried on one coaxial line while color differential signals are carried on the two remaining coaxial lines. This method produces a very high quality video image.

S-Video (SVHS): This method utilizes two coaxial lines contained within one outer jacket with a Mini DIN 4 circular connector. One coaxial line carries the Black and White information; the second coaxial line carries all the color information. This method produces a high quality video image.

Composite: A single coaxial line with an RCA connector carries both the Black and White as well as the color signal. This method produces a relatively good quality video image.

RF Video: A single coaxial line with a Type F connector. It produces the lowest quality video image of all the interface types.

Same day shipping
Orders placed before 4:00 EST
ship the same day.

CC59A

CC59A-HR

CC59A-RR

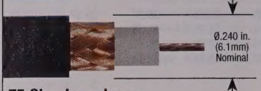
CC59A-RB

CC59B

RG59A/U - 75 Ohm Coaxial Cables with Inline Molded BNC and RCA Plugs

L-com offers a wide variety of RG59A/U cable assemblies utilizing BNC and RCA connectors. RG59A/U cable is one of the most commonly used 75 Ohm cables. In addition to inline configurations L-com offers right angle and female bulkheads. All connectors feature a molded strain relief while the Type F connector features a captivated gold plated center pin for enhanced performance. The stranded center conductor of the RG59A/U cable provides maximum flexibility.

RG59A/U



75 Ohm Impedance

RG59A/U
- Center Conductor: 22 (7 x 30) AWG bare compacted copper
- Shielding: Bare copper braid (96% coverage)
- Insulation: Foam polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.1	6.9
100	3.0	9.8
200	4.5	14.8
400	6.6	21.7
1000	10.9	35.8

RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-05	RG59A Cable, BNC Male / Male, 0.5ft (0.2m)	8.75	8.40	8.05	7.70	7.35
CC59A-1	RG59A Cable, BNC Male / Male, 1.0ft (0.3m)	9.00	8.64	8.28	7.92	7.56
CC59A-1.5	RG59A Cable, BNC Male / Male, 1.5ft (0.5m)	9.25	8.88	8.51	8.14	7.77
CC59A-2	RG59A Cable, BNC Male / Male, 2.0ft (0.6m)	9.50	9.12	8.74	8.36	7.98
CC59A-2.5	RG59A Cable, BNC Male / Male, 2.5ft (0.8m)	9.75	9.36	8.97	8.58	8.19
CC59A-3	RG59A Cable, BNC Male / Male, 3.0ft (0.9m)	10.00	9.60	9.20	8.80	8.40
CC59A-4	RG59A Cable, BNC Male / Male, 4.0ft (1.2m)	10.50	10.08	9.66	9.24	8.82
CC59A-5	RG59A Cable, BNC Male / Male, 5.0ft (1.5m)	11.00	10.56	10.12	9.68	9.24
CC59A-6	RG59A Cable, BNC Male / Male, 6.0ft (1.8m)	11.50	11.04	10.58	10.12	9.66
CC59A-7.5	RG59A Cable, BNC Male / Male, 7.5ft (2.3m)	12.25	11.76	11.27	10.78	10.29
CC59A-10	RG59A Cable, BNC Male / Male, 10.0ft (3.0m)	13.50	12.96	12.42	11.88	11.34
CC59A-12	RG59A Cable, BNC Male / Male, 12.0ft (3.6m)	14.50	13.92	13.34	12.76	12.18
CC59A-15	RG59A Cable, BNC Male / Male, 15.0ft (4.6m)	16.00	15.36	14.72	14.08	13.44
CC59A-25	RG59A Cable, BNC Male / Male, 25.0ft (7.6m)	21.00	20.16	19.32	18.48	17.64
CC59A-50	RG59A Cable, BNC Male / Male, 50.0ft (15.2m)	33.50	32.16	30.82	29.48	28.14
CC59A-75	RG59A Cable, BNC Male / Male, 75.0ft (22.9m)	46.00	44.16	42.32	40.48	38.64
CC59A-100	RG59A Cable, BNC Male / Male, 100.0ft (30.5m)	58.50	56.16	53.82	51.48	49.14
CC59A-150	RG59A Cable, BNC Male / Male, 150.0ft (45.7m)	83.50	80.16	76.82	73.48	70.14
CC59A-200	RG59A Cable, BNC Male / Male, 200.0ft (61m)	108.50	104.16	99.82	95.48	91.14

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC to Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-1HR	RG59A Cable, BNC Male / 90° Male, 1.0ft (0.3m)	11.25	10.80	10.35	9.90	9.45
CC59A-1.5HR	RG59A Cable, BNC Male / 90° Male, 1.5ft (0.5m)	11.50	11.04	10.58	10.12	9.66
CC59A-2HR	RG59A Cable, BNC Male / 90° Male, 2.0ft (0.6m)	11.75	11.28	10.81	10.34	9.87
CC59A-2.5HR	RG59A Cable, BNC Male / 90° Male, 2.5ft (0.8m)	12.00	11.52	11.04	10.56	10.08
CC59A-3HR	RG59A Cable, BNC Male / 90° Male, 3.0ft (0.9m)	12.25	11.76	11.27	10.78	10.29
CC59A-4HR	RG59A Cable, BNC Male / 90° Male, 4.0ft (1.2m)	12.75	12.24	11.73	11.22	10.71
CC59A-5HR	RG59A Cable, BNC Male / 90° Male, 5.0ft (1.5m)	13.25	12.72	12.19	11.66	11.13
CC59A-7.5HR	RG59A Cable, BNC Male / 90° Male, 7.5ft (2.3m)	14.50	13.92	13.34	12.76	12.18
CC59A-10HR	RG59A Cable, BNC Male / 90° Male, 10.0ft (3.0m)	15.75	15.12	14.49	13.86	13.23

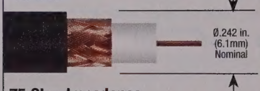
RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Inline RCA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-RR-1	RG59A Cable, RCA Male / Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CC59A-RR-3	RG59A Cable, RCA Male / Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CC59A-RR-6	RG59A Cable, RCA Male / Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CC59A-RR-9	RG59A Cable, RCA Male / Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CC59A-RR-12	RG59A Cable, RCA Male / Male, 12.0ft (3.6m)	10.00	9.60	9.20	8.80	8.40

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline RCA to Inline BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-RB-1	RG59A Cable, RCA Male / BNC Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CC59A-RB-3	RG59A Cable, RCA Male / BNC Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CC59A-RB-6	RG59A Cable, RCA Male / BNC Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CC59A-RB-9	RG59A Cable, RCA Male / BNC Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CC59A-RB-12	RG59A Cable, RCA Male / BNC Male, 12.0ft (3.6m)	10.00	9.60	9.20	8.80	8.40

RG59B/U



75 Ohm Impedance

RG59B/U
- Center Conductor: 22 AWG solid bare copper covered steel
- Shielding: Bare copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.4	7.9
100	3.4	11.1
200	4.9	16.1
400	7.0	23.0
1000	12.0	39.3

RoHS RG59B/U - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-05	RG59B Cable, BNC Male / Male, 0.5ft (0.2m)	8.75	8.40	8.05	7.70	7.35
CC59B-1	RG59B Cable, BNC Male / Male, 1.0ft (0.3m)	9.00	8.64	8.28	7.92	7.56
CC59B-1.5	RG59B Cable, BNC Male / Male, 1.5ft (0.5m)	9.25	8.88	8.51	8.14	7.77
CC59B-2	RG59B Cable, BNC Male / Male, 2.0ft (0.6m)	9.50	9.12	8.74	8.36	7.98
CC59B-2.5	RG59B Cable, BNC Male / Male, 2.5ft (0.8m)	9.75	9.36	8.97	8.58	8.19
CC59B-3	RG59B Cable, BNC Male / Male, 3.0ft (0.9m)	10.00	9.60	9.20	8.80	8.40
CC59B-4	RG59B Cable, BNC Male / Male, 4.0ft (1.2m)	10.50	10.08	9.66	9.24	8.82
CC59B-5	RG59B Cable, BNC Male / Male, 5.0ft (1.5m)	11.00	10.56	10.12	9.68	9.24
CC59B-6	RG59B Cable, BNC Male / Male, 6.0ft (1.8m)	11.50	11.04	10.58	10.12	9.66
CC59B-7.5	RG59B Cable, BNC Male / Male, 7.5ft (2.3m)	12.25	11.76	11.27	10.78	10.29
CC59B-10	RG59B Cable, BNC Male / Male, 10.0ft (3.0m)	13.50	12.96	12.42	11.88	11.34
CC59B-12	RG59B Cable, BNC Male / Male, 12.0ft (3.6m)	14.50	13.92	13.34	12.76	12.18
CC59B-15	RG59B Cable, BNC Male / Male, 15.0ft (4.6m)	16.00	15.36	14.72	14.08	13.44
CC59B-25	RG59B Cable, BNC Male / Male, 25.0ft (7.6m)	21.00	20.16	19.32	18.48	17.64
CC59B-50	RG59B Cable, BNC Male / Male, 50.0ft (15.2m)	33.50	32.16	30.82	29.48	28.14
CC59B-75	RG59B Cable, BNC Male / Male, 75.0ft (22.9m)	46.00	44.16	42.32	40.48	38.64
CC59B-100	RG59B Cable, BNC Male / Male, 100.0ft (30.5m)	58.50	56.16	53.82	51.48	49.14
CC59B-150	RG59B Cable, BNC Male / Male, 150.0ft (45.7m)	83.50	80.16	76.82	73.48	70.14
CC59B-200	RG59B Cable, BNC Male / Male, 200.0ft (61.0m)	108.50	104.16	99.82	95.48	91.14

> "I would like to say that your web site is the best I have ever seen. Well-designed and great photos of the products. It makes it so easy to select the right product. Also the same comments for your catalog. Thanks." - Terry Halbrooks, Deputy Sheriff, Rayville, LA

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with One Inline BNC to One Right Angle BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-1HR	RG59B Cable, BNC Male / 90° Male, 1.0ft (0.3m)	11.25	10.80	10.35	9.90	9.45
CC59B-1.5HR	RG59B Cable, BNC Male / 90° Male, 1.5ft (0.5m)	11.50	11.04	10.58	10.12	9.66
CC59B-2HR	RG59B Cable, BNC Male / 90° Male, 2.0ft (0.6m)	11.75	11.28	10.81	10.34	9.87
CC59B-3HR	RG59B Cable, BNC Male / 90° Male, 3.0ft (0.9m)	12.25	11.76	11.27	10.78	10.29
CC59B-4HR	RG59B Cable, BNC Male / 90° Male, 4.0ft (1.2m)	12.75	12.24	11.73	11.22	10.71
CC59B-5HR	RG59B Cable, BNC Male / 90° Male, 5.0ft (1.5m)	13.25	12.72	12.19	11.66	11.13
CC59B-7.5HR	RG59B Cable, BNC Male / 90° Male, 7.5ft (2.3m)	14.50	13.92	13.34	12.76	12.18
CC59B-10HR	RG59B Cable, BNC Male / 90° Male, 10.0ft (3.0m)	15.75	15.12	14.49	13.86	13.23

CC59B-HR

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with Two Right Angle BNC Plugs

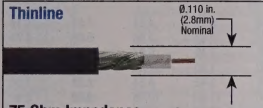
Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-1HR2	RG59B Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CC59B-2HR2	RG59B Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	15.50	14.88	14.26	13.64	13.02
CC59B-2.5HR2	RG59B Cable, BNC 90° Male / 90° Male, 2.5ft (0.8m)	15.75	15.12	14.49	13.86	13.23
CC59B-3HR2	RG59B Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
CC59B-7.5HR2	RG59B Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	18.25	17.52	16.79	16.06	15.33

CC59B-HR2

Thinline 75 Ohm (.11"/2.8mm Dia.) Coaxial Cable Assemblies

Substitute our smaller diameter, more flexible, lighter weight thinline cable assemblies for your traditional 75 Ohm cable assemblies. This coaxial cable features a spiral tinned copper shield and a proprietary air foamed dielectric.

Thinline



75 Ohm Impedance

Thinline
- Center Conductor: 28 AWG (7 x 38) stranded tinned copper wire
- Shielding: Tinned copper spiral shield (95% coverage)
- Insulation: Foamed polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
5	1.4	4.6
10	2.1	6.9
30	3.8	12.5
50	5.1	16.7
100	7.6	24.9

☑RoHS Thinline - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

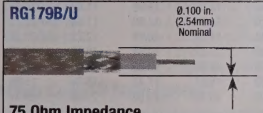
Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1B-1	Thinline Cable, BNC Male / Male, 1.0ft (0.3m)	7.00	6.72	6.44	6.16	5.88
CTL1B-2.5	Thinline Cable, BNC Male / Male, 2.5ft (0.8m)	7.75	7.44	7.13	6.82	6.51
CTL1B-5	Thinline Cable, BNC Male / Male, 5.0ft (1.5m)	9.00	8.64	8.28	7.92	7.56
CTL1B-7.5	Thinline Cable, BNC Male / Male, 7.5ft (2.3m)	10.25	9.84	9.43	9.02	8.61
CTL1B-10	Thinline Cable, BNC Male / Male, 10.0ft (3.0m)	11.50	11.04	10.58	10.12	9.66
CTL1B-15	Thinline Cable, BNC Male / Male, 15.0ft (4.6m)	14.00	13.44	12.88	12.32	11.76
CTL1B-25	Thinline Cable, BNC Male / Male, 25.0ft (7.6m)	19.00	18.24	17.48	16.72	15.96

CTL1B

RG179B/U - High Temperature Cables with Inline BNC Plugs

This 75 Ohm cable features a Brown tinted FEP outer jacket and an operating temperature of 200°C.

RG179B/U



75 Ohm Impedance

RG179B/U
- Center Conductor: 30 AWG (7 x 38) stranded silver plated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	8.5	27.9
100	10.0	32.8
200	12.5	41.0
400	16.0	52.5
1000	24.0	78.7

☑RoHS RG179B/U - 75 Ohm High Temperature Cable with Two Inline BNC Plugs

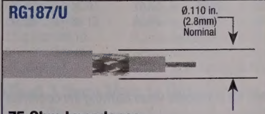
Item #	Description	1-9	10-24	25-99	100-249	250-499
CC179B-1	RG179 Cable, BNC Male / Male, 1.0ft (0.3m)	21.00	20.16	19.32	18.48	17.64
CC179B-1.5	RG179 Cable, BNC Male / Male, 1.5ft (0.5m)	21.75	20.88	20.01	19.14	18.27
CC179B-2	RG179 Cable, BNC Male / Male, 2.0ft (0.6m)	22.50	21.60	20.70	19.80	18.90
CC179B-2.5	RG179 Cable, BNC Male / Male, 2.5ft (0.8m)	23.25	22.32	21.39	20.46	19.53
CC179B-5	RG179 Cable, BNC Male / Male, 5.0ft (1.5m)	27.00	25.92	24.84	23.76	22.68
CC179B-7.5	RG179 Cable, BNC Male / Male, 7.5ft (2.3m)	30.75	29.52	28.29	27.06	25.83
CC179B-10	RG179 Cable, BNC Male / Male, 10.0ft (3.0m)	34.50	33.12	31.74	30.36	28.98
CC179B-15	RG179 Cable, BNC Male / Male, 15.0ft (4.6m)	42.00	40.32	38.64	36.96	35.28

CC179B

RG187/U - High Temperature 75 Ohm Cables with Inline BNC Plugs

This series features a small diameter (.110/2.8mm) 75 Ohm cable with a 200°C operating temperature.

RG187/U



75 Ohm Impedance

RG187/U
- Center Conductor: 30 AWG (7 x 38) stranded silver plated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE teflon
- Jacket: TFE teflon tape wrap
- Operating Temperature: -70°C - +200°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	8.5	27.9
100	10.0	32.8
200	12.5	41.0
400	16.0	52.5
1000	24.0	78.7

RG187/U - 75 Ohm Coaxial Cable High Temperature with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC187B-1	RG187 Cable, BNC Male / Male, 1.0ft (0.3m)	33.50	32.16	30.82	29.48	28.14
CC187B-1.5	RG187 Cable, BNC Male / Male, 1.5ft (0.5m)	35.00	33.60	32.20	30.80	29.40
CC187B-2	RG187 Cable, BNC Male / Male, 2.0ft (0.6m)	36.50	35.04	33.58	32.12	30.66
CC187B-2.5	RG187 Cable, BNC Male / Male, 2.5ft (0.8m)	38.00	36.48	34.96	33.44	31.92
CC187B-5	RG187 Cable, BNC Male / Male, 5.0ft (1.5m)	45.50	43.68	41.86	40.04	38.22
CC187B-7.5	RG187 Cable, BNC Male / Male, 7.5ft (2.3m)	53.00	50.88	48.76	46.64	44.52
CC187B-10	RG187 Cable, BNC Male / Male, 10.0ft (3.0m)	60.50	58.08	55.66	53.24	50.82
CC187B-15	RG187 Cable, BNC Male / Male, 15.0ft (4.6m)	75.50	72.48	69.46	66.44	63.42

CC187B

Technical resources
Free tips, tutorials and downloads help you learn all about connectivity. Visit L-com.com/Resources

L-com® Global Connectivity

CCD234MM (molded)

CCD234MF (molded)

CCD244MM (assembled)

CCD244MF (assembled)

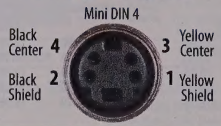
CCD244MB

CCD144MR

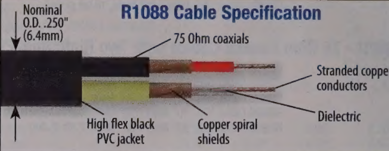
Tip What is S-Video (S-VHS)?

The term S-Video is derived from the way the video signal is transmitted. In S-Video the signal is separated into two components hence the term Separate Video or S-Video. Two 75 Ohm coaxial cables and a Mini DIN 4 connector are utilized to transmit the two component signals. One of the coaxial cables carries the Luminance Signal (brightness or Y component) while the second 75 Ohm coaxial cable carries the Chrominance Signal (color or C component). By separating the video signal into two components a better quality picture is produced than composite video that utilizes one coaxial cable to transmit both signals. The term S-VHS is an acronym for **S**uper-**V**ideo **H**ome **S**ystem.

SVHS (S-Video) Jack



R1088 Cable Specification


Nominal O.D. .250" (6.4mm)
75 Ohm coaxials
Stranded copper conductors
Dielectric
High flex black PVC jacket
Copper spiral shields

☑RoHS Molded S-Video Cable Assemblies, 75 Ohm Dual Coaxial in Single Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCD234MM-1	Molded Mini DIN 4 Male / Male, 1.0ft (0.3m)	5.50	5.17	4.84	4.51	4.18
CCD234MM-2	Molded Mini DIN 4 Male / Male, 2.0ft (0.6m)	6.20	5.83	5.46	5.08	4.71
CCD234MM-3	Molded Mini DIN 4 Male / Male, 3.0ft (0.9m)	6.90	6.49	6.07	5.66	5.24
CCD234MM-5	Molded Mini DIN 4 Male / Male, 5.0ft (1.5m)	8.30	7.80	7.30	6.81	6.31
CCD234MM-7.5	Molded Mini DIN 4 Male / Male, 7.5ft (2.3m)	10.05	9.45	8.84	8.24	7.64
CCD234MM-10	Molded Mini DIN 4 Male / Male, 10.0ft (3.0m)	11.80	11.09	10.38	9.68	8.97
CCD234MM-20	Molded Mini DIN 4 Male / Male, 20.0ft (6.1m)	18.80	17.67	16.54	15.42	14.29
CCD234MM-30	Molded Mini DIN 4 Male / Male, 30.0ft (9.1m)	25.80	24.25	22.70	21.16	19.61
CCD234MM-40	Molded Mini DIN 4 Male / Male, 40.0ft (12.2m)	32.80	30.83	28.86	26.90	24.93
CCD234MM-50	Molded Mini DIN 4 Male / Male, 50.0ft (15.2m)	39.80	37.41	35.02	32.64	30.25
CCD234MF-1	Molded Mini DIN 4 Male / Female, 1.0ft (0.3m)	5.50	5.17	4.84	4.51	4.18
CCD234MF-2	Molded Mini DIN 4 Male / Female, 2.0ft (0.6m)	6.20	5.83	5.46	5.08	4.71
CCD234MF-3	Molded Mini DIN 4 Male / Female, 3.0ft (0.9m)	6.90	6.49	6.07	5.66	5.24
CCD234MF-5	Molded Mini DIN 4 Male / Female, 5.0ft (1.5m)	8.30	7.80	7.30	6.81	6.31
CCD234MF-7.5	Molded Mini DIN 4 Male / Female, 7.5ft (2.3m)	10.05	9.45	8.84	8.24	7.64
CCD234MF-10	Molded Mini DIN 4 Male / Female, 10.0ft (3.0m)	11.80	11.09	10.38	9.68	8.97
CCD234MF-20	Molded Mini DIN 4 Male / Female, 20.0ft (6.1m)	18.80	17.67	16.54	15.42	14.29

☑RoHS Assembled S-Video Cable Assemblies, 75 Ohm Dual Coaxial in Single Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCD244MM-1	Assembled Mini DIN 4 Male / Male, 1.0ft (0.3m)	13.50	12.69	11.88	11.07	10.26
CCD244MM-2	Assembled Mini DIN 4 Male / Male, 2.0ft (0.6m)	14.20	13.35	12.50	11.64	10.79
CCD244MM-3	Assembled Mini DIN 4 Male / Male, 3.0ft (0.9m)	14.90	14.01	13.11	12.22	11.32
CCD244MM-5	Assembled Mini DIN 4 Male / Male, 5.0ft (1.5m)	16.30	15.32	14.34	13.37	12.39
CCD244MM-7.5	Assembled Mini DIN 4 Male / Male, 7.5ft (2.3m)	18.05	16.97	15.88	14.80	13.72
CCD244MM-10	Assembled Mini DIN 4 Male / Male, 10.0ft (3.0m)	19.80	18.61	17.42	16.24	15.05
CCD244MM-20	Assembled Mini DIN 4 Male / Male, 20.0ft (6.1m)	26.80	25.19	23.58	21.98	20.37
CCD244MF-1	Assembled Mini DIN 4 Male / Female, 1.0ft (0.3m)	13.50	12.69	11.88	11.07	10.26
CCD244MF-2	Assembled Mini DIN 4 Male / Female, 2.0ft (0.6m)	14.20	13.35	12.50	11.64	10.79
CCD244MF-3	Assembled Mini DIN 4 Male / Female, 3.0ft (0.9m)	14.90	14.01	13.11	12.22	11.32
CCD244MF-5	Assembled Mini DIN 4 Male / Female, 5.0ft (1.5m)	16.30	15.32	14.34	13.37	12.39
CCD244MF-7.5	Assembled Mini DIN 4 Male / Female, 7.5ft (2.3m)	18.05	16.97	15.88	14.80	13.72
CCD244MF-10	Assembled Mini DIN 4 Male / Female, 10.0ft (3.0m)	19.80	18.61	17.42	16.24	15.05
CCD244MF-20	Assembled Mini DIN 4 Male / Female, 20.0ft (6.1m)	26.80	25.19	23.58	21.98	20.37

☑RoHS Assembled S-Video Cable Assemblies - Molded Dual BNC-M, 75 Ohm Dual Coaxial Breakout Cable

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCD244MB-1	Assembled Mini DIN 4 Male / Dual BNC Male, 1.0ft (0.3m)	13.50	12.69	11.88	11.07	10.26
CCD244MB-2	Assembled Mini DIN 4 Male / Dual BNC Male, 2.0ft (0.6m)	14.20	13.35	12.50	11.64	10.79
CCD244MB-3	Assembled Mini DIN 4 Male / Dual BNC Male, 3.0ft (0.9m)	14.90	14.01	13.11	12.22	11.32
CCD244MB-5	Assembled Mini DIN 4 Male / Dual BNC Male, 5.0ft (1.5m)	16.30	15.32	14.34	13.37	12.39
CCD244MB-7.5	Assembled Mini DIN 4 Male / Dual BNC Male, 7.5ft (2.3m)	18.05	16.97	15.88	14.80	13.72
CCD244MB-10	Assembled Mini DIN 4 Male / Dual BNC Male, 10.0ft (3.0m)	19.80	18.61	17.42	16.24	15.05
CCD244MB-20	Assembled Mini DIN 4 Male / Dual BNC Male, 20.0ft (6.1m)	26.80	25.19	23.58	21.98	20.37

Assembled S-Video to Single Composite RCA Cable Assemblies

These cables combine the S-Video Mini DIN 4 connector found on SVHS with the single RCA connector used for composite video allowing the conversion from S-Video transmission to composite video.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCD144MR-2	Assembled Mini DIN 4 Male / Single RCA Male, 2.0ft (0.6m)	11.00	10.34	9.68	9.02	8.36
CCD144MR-6	Assembled Mini DIN 4 Male / Single RCA Male, 6.0ft (1.8m)	13.00	12.22	11.44	10.66	9.88
CCD144MR-10	Assembled Mini DIN 4 Male / Single RCA Male, 10.0ft (3.0m)	15.00	14.10	13.20	12.30	11.40
CCD144MR-15	Assembled Mini DIN 4 Male / Single RCA Male, 15.0ft (4.6m)	17.50	16.45	15.40	14.35	13.30
CCD144MR-20	Assembled Mini DIN 4 Male / Single RCA Male, 20.0ft (6.1m)	20.00	18.80	17.60	16.40	15.20
CCD144MR-25	Assembled Mini DIN 4 Male / Single RCA Male, 25.0ft (7.6m)	22.50	21.15	19.80	18.45	17.10

> "When I order from you I know I get quality products that really do what they are advertised to do. The ongoing research is ever-present. I dread placing online orders, but again not with L-com.com. It is easy, complete, and I am not left wondering if the order went through." - Rick Glatt, Electronic Specialist, CO

☑RoHS Premium 3.5mm (1/8") 3 Conductor Cables for Microphone, Speaker and Other Applications

These low loss premium 3.5mm cable assemblies offer superior performance when compared to similar commercial counterparts. Connectors are gold plated reducing corrosion while maintaining reliable contact. 22 AWG conductors and a double shield provide minimum loss even at long lengths.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL35MM-3	Stereo Cable, 3.5mm Male / Male, 3.0ft (0.9m)	5.00	4.80	4.60	4.40	4.20
CTL35MM-5	Stereo Cable, 3.5mm Male / Male, 5.0ft (1.5m)	6.00	5.76	5.52	5.28	5.04
CTL35MM-10	Stereo Cable, 3.5mm Male / Male, 10.0ft (3.0m)	8.50	8.16	7.82	7.48	7.14
CTL35MM-25	Stereo Cable, 3.5mm Male / Male, 25.0ft (7.6m)	16.00	15.36	14.72	14.08	13.44
CTL35MM-50	Stereo Cable, 3.5mm Male / Male, 50.0ft (15.2m)	28.50	27.36	26.22	25.08	23.94
CTL35MM-100	Stereo Cable, 3.5mm Male / Male, 100.0ft (30.5m)	53.50	51.36	49.22	47.08	44.94
CTL35MF-3	Stereo Cable, 3.5mm Male / Female, 3.0ft (0.9m)	5.00	4.80	4.60	4.40	4.20
CTL35MF-5	Stereo Cable, 3.5mm Male / Female, 5.0ft (1.5m)	6.00	5.76	5.52	5.28	5.04
CTL35MF-10	Stereo Cable, 3.5mm Male / Female, 10.0ft (3.0m)	8.50	8.16	7.82	7.48	7.14
CTL35MF-25	Stereo Cable, 3.5mm Male / Female, 25.0ft (7.6m)	16.00	15.36	14.72	14.08	13.44
CTL35MF-50	Stereo Cable, 3.5mm Male / Female, 50.0ft (15.2m)	28.50	27.36	26.22	25.08	23.94
CTL35MF-100	Stereo Cable, 3.5mm Male / Female, 100.0ft (30.5m)	53.50	51.36	49.22	47.08	44.94

☑RoHS Super Thin 3.5mm Cables

L-com's CTL35MMT-XX series of high quality stereo cable assemblies produces distortion free audio transmission. Features include gold plated center contacts to minimize signal loss as well as fully molded strain relief for enhanced durability and long life. These super thin 3.5mm cables feature an outside diameter (OD) of only 3.5 mm. Available in 7 standard lengths from 3 to 100 feet, custom lengths are also available.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL35MMT-3	Stereo ThinLine Audio Cable, Male / Male, 3.0ft (0.9m)	3.99	3.75	3.51	3.27	3.03
CTL35MMT-5	Stereo ThinLine Audio Cable, Male / Male, 5.0ft (1.5m)	4.59	4.31	4.04	3.76	3.49
CTL35MMT-10	Stereo ThinLine Audio Cable, Male / Male, 10.0ft (3.0m)	6.00	5.64	5.28	4.92	4.56
CTL35MMT-15	Stereo ThinLine Audio Cable, Male / Male, 15.0ft (4.5m)	7.49	7.04	6.59	6.14	5.69
CTL35MMT-25	Stereo ThinLine Audio Cable, Male / Male, 25.0ft (7.6m)	9.99	9.39	8.79	8.19	7.59
CTL35MMT-50	Stereo ThinLine Audio Cable, Male / Male, 50.0ft (15.2m)	17.49	16.44	15.39	14.34	13.29
CTL35MMT-100	Stereo ThinLine Audio Cable, Male / Male, 100.0ft (30.5m)	34.99	32.89	30.79	28.69	26.59
CTL35MFT-3	Stereo ThinLine Audio Cable, Male / Female, 3.0ft (0.9m)	3.99	3.75	3.51	3.27	3.03
CTL35MFT-5	Stereo ThinLine Audio Cable, Male / Female, 5.0ft (1.5m)	4.59	4.31	4.04	3.76	3.49
CTL35MFT-10	Stereo ThinLine Audio Cable, Male / Female, 10.0ft (3.0m)	6.00	5.64	5.28	4.92	4.56
CTL35MFT-15	Stereo ThinLine Audio Cable, Male / Female, 15.0ft (4.5m)	7.49	7.04	6.59	6.14	5.69
CTL35MFT-25	Stereo ThinLine Audio Cable, Male / Female, 25.0ft (7.6m)	9.99	9.39	8.79	8.19	7.59
CTL35MFT-50	Stereo ThinLine Audio Cable, Male / Female, 50.0ft (15.2m)	17.49	16.44	15.39	14.34	13.29
CTL35MFT-100	Stereo ThinLine Audio Cable, Male / Female, 100.0ft (30.5m)	34.99	32.89	30.79	28.69	26.59

☑RoHS ThinLine 3.5mm 4 Circuit TRRS

L-com's CTL354MM-XX series of high quality stereo audio/video cable assemblies produces distortion free audio and video transmissions. The cables are commonly used on Apple's iPod® and iPhone® products and work with other TRRS audio/video applications as well. Features include gold plated center contacts to minimize signal loss as well as fully molded strain relief for enhanced durability and long life. These super thin TRRS cables feature an outside diameter (OD) of only 3.5 mm. Available in 8 standard lengths from 3 to 100 feet, custom lengths are also available.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL354MM-3	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 3.0ft (0.9m)	5.95	5.59	5.24	4.88	4.52
CTL354MM-5	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 5.0ft (1.5m)	7.95	7.47	7.00	6.52	6.04
CTL354MM-10	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 10.0ft (3.0m)	12.95	12.17	11.40	10.62	9.84
CTL354MM-15	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 15.0ft (4.5m)	17.95	16.87	15.80	14.72	13.64
CTL354MM-20	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 20.0ft (6.1m)	22.95	21.57	20.20	18.82	17.44
CTL354MM-25	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 25.0ft (7.6m)	27.95	26.27	24.60	22.92	21.24
CTL354MM-50	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 50.0ft (15.2m)	49.95	46.95	43.96	40.96	37.96
CTL354MM-100	Stereo 4 Circuit TRRS ThinLine Audio Cable, Male / Male, 100.0ft (30.5m)	79.95	75.15	70.36	65.56	60.76

☑RoHS Coiled 3.5mm Cables

L-com's line of coiled 3.5mm cables are perfect for variable reach application where access to a 3.5mm jacks can fluctuate. These rugged coiled 3.5mm cables feature black polyurethane jackets which stand up to UV and chemical exposure. The CTL35MMC-XX series cables from L-com can be used in myriad applications where length variation and mobility are required such as medical, industrial, and manufacturing scenarios.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL35MMC-0.5	Coiled 3.5mm Stereo Audio Cable, Male / Male, 0.5ft (0.1m) (Relaxed Length)	19.00	18.62	18.24	17.86	17.48
CTL35MMC-1	Coiled 3.5mm Stereo Audio Cable, Male / Male, 1.0ft (0.3m) (Relaxed Length)	19.95	19.55	19.15	18.75	18.35
CTL35MMC-2	Coiled 3.5mm Stereo Audio Cable, Male / Male, 2.0ft (0.6m) (Relaxed Length)	20.95	20.53	20.11	19.69	19.27
CTL35MMC-3	Coiled 3.5mm Stereo Audio Cable, Male / Male, 3.0ft (0.9m) (Relaxed Length)	22.95	22.49	22.03	21.57	21.11
CTL35MMC-4	Coiled 3.5mm Stereo Audio Cable, Male / Male, 4.0ft (1.2m) (Relaxed Length)	23.95	23.47	22.99	22.51	22.03
CTL35MMC-5	Coiled 3.5mm Stereo Audio Cable, Male / Male, 5.0ft (1.5m) (Relaxed Length)	24.95	24.45	23.95	23.45	22.95

☑RoHS 3.5mm Male to Dual Male RCA Y Cables

L-com's CTL35RCAMY series 3.5mm to Dual RCA cables are perfect for splitting a single 3.5mm audio source to the RCA Left/Right Outputs. These rugged cables are offered in several popular off the shelf lengths. Custom length versions are also available upon request. These 3.5mm to RCA Y cables feature PVC jackets and shielding to help protect against EMI/RFI.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL35RCAMY-1	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 1.0ft (0.3m)	7.95	7.47	7.00	6.52	6.04
CTL35RCAMY-3	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 3.0ft (0.9m)	9.95	9.35	8.76	8.16	7.56
CTL35RCAMY-5	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 5.0ft (1.5m)	11.95	11.23	10.52	9.80	9.08
CTL35RCAMY-10	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 10.0ft (3.0m)	16.95	15.93	14.92	13.90	12.88
CTL35RCAMY-15	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 15.0ft (4.5m)	21.95	20.63	19.32	18.00	16.68
CTL35RCAMY-20	3.5mm Male (Stereo) to Dual RCA Male Y Cable, 20.0ft (6.1m)	26.95	25.33	23.72	22.10	20.48

☑RoHS 3.5mm Male to Dual Female 3.5mm Y Cables

L-com's CTL35YMF series 3.5mm audio Y cables are perfect for splitting a single 3.5mm audio source to two 3.5mm outputs. These rugged cables are offered in several popular off the shelf lengths. Custom length versions are also available upon request. These 3.5mm Y cables feature PVC jackets and shielding to help protect against EMI/RFI.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL35YMF-1	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 1.0ft (0.3m)	4.95	4.65	4.36	4.06	3.76
CTL35YMF-3	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 3.0ft (0.9m)	6.95	6.53	6.12	5.70	5.28
CTL35YMF-5	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 5.0ft (1.5m)	8.95	8.41	7.88	7.34	6.80
CTL35YMF-10	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 10.0ft (3.0m)	13.95	13.11	12.28	11.44	10.60
CTL35YMF-15	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 15.0ft (4.5m)	18.95	17.81	16.68	15.54	14.40
CTL35YMF-20	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 20.0ft (6.1m)	23.95	22.51	21.08	19.64	18.20
CTL35YMF-25	3.5mm Male (Stereo) to Dual 3.5mm Jack Y Cable, 25.0ft (7.6m)	28.95	27.21	25.48	23.74	22.00

CTL35MF

CTL35MMT

CTL35MFT

CTL354MM

CTL35MMC

CTL35RCAMY

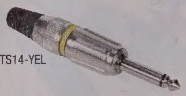
CTL35YMF

CA14214RA

CAXLR214

CON-TS14-BLK

CON-TS14-RED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CON-TS14-GRN

CON-TS14-RA

CON-XLR-M

CON-XLR-F

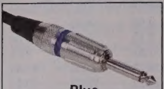
CON-XLR-MRA

XLR-BULK

TS-BULK

Pro Audio 1/4" (0.6cm) to 1/4" (0.6cm) Male TS Cable Assemblies

L-com now offers an extensive line of TS (Tip and Sleeve) 1/4" (0.6cm) audio cables for use in professional audio applications including instrument connections and audio patching. Our quality constructed TS cables feature 22 AWG cable and are offered with myriad color code choices to help in identifying attached equipment. Contact us today with your custom length and connector requirements.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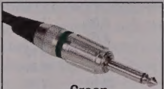
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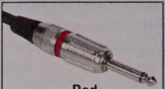
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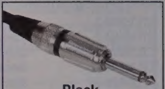
Yellow


Black

B	G	R	Y	*---

Ordering is easy, add the desired color code to the part number. Ex: CA14214B-1. *Note: No suffix necessary for Black assemblies.

☑RoHS 1/4" (0.6cm) Male to Male TS Pro Audio Cable Assemblies with Colored ID Bands

Item #	Description	1-9	10-24	25-99
CA14214 __-1	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 1.0ft (0.3m)	7.95	7.31	6.68
CA14214 __-3	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 3.0ft (0.9m)	9.95	9.15	8.36
CA14214 __-6	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 6.0ft (1.8m)	12.95	11.91	10.88
CA14214 __-10	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 10.0ft (3.0m)	16.95	15.59	14.24
CA14214 __-15	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 15.0ft (4.6m)	22.95	21.11	19.28
CA14214 __-20	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 20.0ft (6.1m)	27.95	25.71	23.48
CA14214 __-25	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male, 25.0ft (7.6m)	32.95	30.31	27.68

☑RoHS 1/4" (0.6cm) TS Male to Male Right Angle Pro Audio Cable Assemblies

L-com stocks several popular off the shelf lengths of the CA14214RA series pro audio cables. These robust assemblies feature one straight TS connector and one right angle TS connector for tight space applications. Contact us today with your custom length and connector requirements.

Item #	Description	1-9	10-24	25-99
CA14214RA-1	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 1.0ft (0.3m)	7.95	7.31	6.68
CA14214RA-3	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 3.0ft (0.9m)	9.95	9.15	8.36
CA14214RA-6	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 6.0ft (1.8m)	12.95	11.91	10.88
CA14214RA-10	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 10.0ft (3.0m)	16.95	15.59	14.24
CA14214RA-15	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 15.0ft (4.6m)	22.95	21.11	19.28
CA14214RA-20	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 20.0ft (6.1m)	27.95	25.71	23.48
CA14214RA-25	TS Pro Audio Cable, 1/4" (0.6cm) Male / Male Right Angle, 25.0ft (7.6m)	32.95	30.31	27.68

☑RoHS 1/4" (0.6cm) TS Male to 3 Pin XLR Female Unbalanced Pro Audio Cable Assemblies

L-com's TS to XLR female cables are perfect for unbalanced microphone applications and other audio applications requiring unbalanced audio connectivity. These robust assemblies are available in seven off the shelf lengths and are stocked for same day shipping.

Item #	Description	1-9	10-24	25-99
CAXLR214-1	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 1.0ft (0.3m)	8.95	8.23	7.52
CAXLR214-3	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 3.0ft (0.9m)	10.95	10.07	9.20
CAXLR214-6	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 6.0ft (1.8m)	13.95	12.83	11.72
CAXLR214-10	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 10.0ft (3.0m)	17.95	16.51	15.08
CAXLR214-15	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 15.0ft (4.6m)	23.95	22.03	20.12
CAXLR214-20	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 20.0ft (6.1m)	28.95	26.63	24.32
CAXLR214-25	TS Pro Audio Cable, 1/4" (0.6cm) Male / 3 Pin XLR Female, 25.0ft (7.6m)	33.95	31.23	28.52

☑RoHS Male TS 1/4" (0.6cm) Connector- Colored ID Bands

L-com stocks high quality TS (tip and sleeve) 1/4" (0.6cm) connectors for all your instrument cable repair/termination needs. We offer several color code versions to help in identifying attached equipment. Additionally we offer a right angle version for applications requiring a 90 degree connection. Connectors are packaged individually.

Item #	Description	List Price
CON-TS14-BLK	TS 1/4" (0.6cm) Connector, Male, Black ID Band	2.99
CON-TS14-RED	TS 1/4" (0.6cm) Connector, Male, Red ID Band	2.99
CON-TS14-YEL	TS 1/4" (0.6cm) Connector, Male, Yellow ID Band	2.99
CON-TS14-BLU	TS 1/4" (0.6cm) Connector, Male, Blue ID Band	2.99
CON-TS14-GRN	TS 1/4" (0.6cm) Connector, Male, Green ID Band	2.99
CON-TS14-RA	TS 1/4" (0.6cm) Connector, Right Angle Male	2.59

☑RoHS XLR 3 Pin Connectors

L-com stocks high quality XLR connectors for all your XLR audio cable repair/termination needs. We offer male, female, and right angle male XLR connectors off the shelf. These connectors feature 50μ of nickel plating on the connector pins and sockets assuring the high quality audio signals and long life over multiple insertions. Connectors are packaged individually.

Item #	Description	List Price
CON-XLR-M	3 Pin XLR Connector, Male	2.59
CON-XLR-F	3 Pin XLR Connector, Female	2.79
CON-XLR-MRA	3 Pin XLR Connector, Right Angle Male	4.59

☑RoHS Bulk XLR (Microphone) and TS (Instrument/Guitar) Cable

L-com offers bulk 2 conductor (plus shield) XLR cable for making your own XLR cable assemblies. This XLR bulk cable features a 95% coverage double shield design along with rugged 24 AWG conductors. L-com stocks 250 (76.2m) and 500 foot (152.4m) spools of this bulk cable to satisfy both large and small projects. Additionally we stock bulk single conductor (plus shield) TS cable for making your own unbalanced TS style cable assemblies. This single conductor bulk cable features a 90% minimum coverage shield design along with rugged 22 AWG conductors.

Item #	Description	List Price
XLR-BULK-250	Bulk 2 Conductor/Double Shielded XLR Cable, 250ft (76.2m)	99.95
XLR-BULK-500	Bulk 2 Conductor/Double Shielded XLR Cable, 500ft (152.4m)	219.95
TS-BULK-250	Bulk Single Conductor with Braided Shield TS Cable, 250ft (76.2m)	71.95
TS-BULK-500	Bulk Single Conductor with Braided Shield TS Cable, 500ft (152.4m)	137.95

Global Connectivity

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Pro Audio XLR Cable Assemblies

L-com now offers a series of 3 pin XLR audio cables for use in professional audio applications including microphone patching. Our quality constructed XLR cables feature 24 AWG cable to ensure the highest quality audio experience. Contact us today with your custom length and connector requirements.

RoHS XLR 3 Pin Balanced Male to Female Pro Audio Cable Assemblies

Item #	Description	1-9	10-24	25-99
CAXLR2XLR-1	XLR 3 Pin Male / Female Pro Audio Cable, 1.0ft (0.3m)	8.95	8.23	7.52
CAXLR2XLR-3	XLR 3 Pin Male / Female Pro Audio Cable, 3.0ft (0.9m)	11.95	10.99	10.04
CAXLR2XLR-6	XLR 3 Pin Male / Female Pro Audio Cable, 6.0ft (1.8m)	17.50	16.10	14.70
CAXLR2XLR-10	XLR 3 Pin Male / Female Pro Audio Cable, 10.0ft (3.0m)	24.25	22.31	20.37
CAXLR2XLR-15	XLR 3 Pin Male / Female Pro Audio Cable, 15.0ft (4.6m)	32.95	30.31	27.68
CAXLR2XLR-20	XLR 3 Pin Male / Female Pro Audio Cable, 20.0ft (6.1m)	40.95	37.67	34.40
CAXLR2XLR-25	XLR 3 Pin Male / Female Pro Audio Cable, 25.0ft (7.6m)	48.95	45.03	41.12

CAXLR2XLR

RoHS XLR 3 Pin Balanced Male Right Angle to Female Pro Audio Cable Assemblies

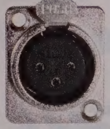
Item #	Description	1-9	10-24	25-99
CAXLR2XLRR-1	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 1.0ft (0.3m)	8.95	8.23	7.52
CAXLR2XLRR-3	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 3.0ft (0.9m)	11.95	10.99	10.04
CAXLR2XLRR-6	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 6.0ft (1.8m)	17.50	16.10	14.70
CAXLR2XLRR-10	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 10.0ft (3.0m)	24.25	22.31	20.37
CAXLR2XLRR-15	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 15.0ft (4.6m)	32.95	30.31	27.68
CAXLR2XLRR-20	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 20.0ft (6.1m)	40.95	37.67	34.40
CAXLR2XLRR-25	XLR 3 Pin Male Right Angle / Female Pro Audio Cable, 25.0ft (7.6m)	48.95	45.03	41.12

CAXLR2XLRR

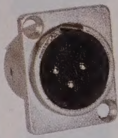
XLR 3 Pin Panel Mount Connectors (Solder Type)

L-com stocks both male and female 3 pin XLR connectors to address all your pro audio needs. These solder style connectors are in stock and ready for same day shipping. Each connector features gold plating to ensure a high quality audio experience.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CON-XLR3M	XLR 3 Pin Solder Connector, Male	3.95	3.71	3.48	3.24	3.00
CON-XLR3F	XLR 3 Pin Solder Connector, Female	3.95	3.71	3.48	3.24	3.00


CON-XLR3F
Front

CON-XLR3F
Back


CON-XLR3M
Front

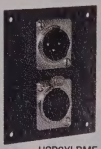
CON-XLR3M
Back

XLR Sub-Panels and 2U Rack Panel

These versatile 3 Pin XLR style sub-panels are great for customizing MIC patch panels. There are several versions to choose from including a two port male, two port female and a dual male female combo panel. Each panel is supplied with four 6-32 screws for quick installation into L-com's Universal frame UPR35-6B. Pick and choose the connections you need. We offer same day shipping on most items.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP2XLRF	Universal Sub-Panel with Two 3 Pin XLR Female Connectors	12.95	12.43	11.91	11.40	10.88
USP2XLRM	Universal Sub-Panel with Two 3 Pin XLR Male Connectors	12.95	12.43	11.91	11.40	10.88
USP2XLRMF	Universal Sub-Panel with One 3 Pin XLR Female and One 3 Pin XLR Male Connector	12.95	12.43	11.91	11.40	10.88
UPR35-6B	Universal Master Rack Panel 2U, with 6 USP Openings	24.95	23.95	22.95	21.96	20.96

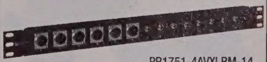
USP2XLRF

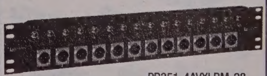

USP2XLRMF

RoHS Rack Panel Series Audio Integrated 1/4" (0.6cm) TRS and MIC XLR Connectors

These versatile Audio Rack Panels include XLR and 1/4" (0.6cm) Stereo Jack connectors mounted in standard Rack Panels are great for customizing Audio interconnections with audio equipment Racks. There are several versions to choose from including a 1U Rack Panel with 14-ports consisting of six XLR Male and eight 1/4" (0.6cm) Stereo Female Audio Jacks; and a 2U 28-port unit with 12 - XLR and 16 - 1/4" (0.6cm) Stereo Jacks. Custom Rack Panels are also available to meet any special applications or combination of connections.

Item #	Description	1-9	10-24	25-99
PR1751-4AVXLRM-14	1.75" (4.4cm) x 19" (48.3cm) Panel (Black), 6 - XLR Male Connector/8 - 1/4" (0.6cm) Stereo Jack Conn.	149.95	143.95	137.95
PR351-4AVXLRM-28	3.50" (8.9cm) x 19" (48.3cm) Panel (Black), 12 - XLR Male Connector/16 - 1/4" (0.6cm) Stereo Jack Conn.	249.95	239.95	229.95

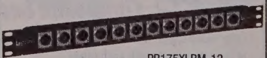

PR1751-4AVXLRM-14


PR351-4AVXLRM-28

RoHS Rack Panel Series Audio MIC with 3 Pin XLR Couplers

These versatile 3 Pin XLR style connectors mounted in standard Rack Panels are great for customizing MIC interconnections with audio equipment Racks. There are several versions to choose from including a 1U 12-port Male, 1U 12-port Female and a 24-port 2U dual Male/Female combo panel. Custom Rack Panels are also available to meet any special applications for Male and Female connections.

Item #	Description	1-9	10-24	25-99
PR175XLRF-12	1.75" (4.4cm) x 19" (48.3cm) Panel (Black), 12 - XLR Female Couplers	149.95	143.95	137.95
PR175XLRM-12	1.75" (4.4cm) x 19" (48.3cm) Panel (Black), 12 - XLR Male Couplers	149.95	143.95	137.95
PR35XLRMF-24	3.50" (8.9cm) x 19" (48.3cm) Panel (Black), 12 - XLR Female/12 - XLR Male Couplers	249.95	239.95	229.95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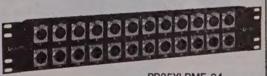

PR35XLRMF-24

Tip Balanced Audio vs. Unbalanced Audio

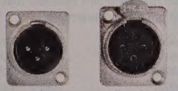
Balanced Audio uses impedance balanced lines to interconnect audio equipment. Balanced connections use three conductor connectors. Most common in professional settings is the XLR connector. It is also sometimes referred to as a "cannon plug" or "cannon connector". Also used for this application are TRS Plugs. They derive their name from the different functions of the sections of the plug. **T**ip, **R**ing and **S**leeve. (see diagram). They are also often referred to as .25" (6.3mm) 3 channel audio phone plugs. Their appearance is similar to the .25" (6.3mm) stereo plugs used for head phones, even though the two different applications utilize them differently.

The durable construction of the XLR makes it ideal for microphones. Most, if not all, high end microphones make use of this interface. In contrast the TRS smaller form factor make it ideal for mixer inputs/outputs allowing for greater port density.

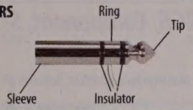
Balanced Audio Connectors are typically Low Impedance Interfaces. By connecting the balanced lines to identical impedances at both source and load, it allows any differential amplifier to filter out any EMI (Electro-Magnetic-Interference) that the cable may have picked up or generated along the two signal lines.

Unbalanced Audio in contrast uses a two conductor system whereby the shield must carry the return signal. Often used for this application are TS Plugs. Similar in appearance to their TRS siblings, these plugs derive their name similarly. **T**ip and **S**leeve. (see diagram). Noise that is induced onto an Unbalanced line will typically be modulated onto the signal being carried, whereas Balanced lines would not experience this issue. Ground loops are another issue to contend with Unbalanced lines. Unbalanced Audio Connectors are typically high impedance interfaces. Unbalanced Audio is typical for most home audio equipment. Unbalanced Signals can be converted to Balanced signals by the use of a Balun (**Bal**anced/**Un**balanced) adapter typically run through a DI (Direct Input) box.

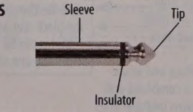
XLR


Male
Female

TRS



TS



We answer your technical questions
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L-com® Global Connectivity

CCR3MM

CCR2MM

CVR3MM

USP2RCAB

USP1SVID2RCAB

PR35RCA32

UPR35-6B

BA400R

BA400G

BA400B

BA400Y

BA400

BA400A

RoHS Premium RCA Audio/Video Molded Cables - 3 RCAs Per End

Premium high flex Thinline 75 Ohm coaxials and fully molded strain reliefs with gold plated connectors provide rugged and reliable connections. Individual legs colored: Yellow, White and Red.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCR3MM-2	3 Line RCA Cable, RCA Male / Male, 2.0ft (0.6m)	9.00	8.28	7.56	6.84	6.12
CCR3MM-3	3 Line RCA Cable, RCA Male / Male, 3.0ft (0.9m)	10.00	9.20	8.40	7.60	6.80
CCR3MM-6	3 Line RCA Cable, RCA Male / Male, 6.0ft (1.8m)	13.00	11.96	10.92	9.88	8.84
CCR3MM-9	3 Line RCA Cable, RCA Male / Male, 9.0ft (2.7m)	16.00	14.72	13.44	12.16	10.88
CCR3MM-12	3 Line RCA Cable, RCA Male / Male, 12.0ft (3.6m)	19.00	17.48	15.96	14.44	12.92
CCR3MM-25	3 Line RCA Cable, RCA Male / Male, 25.0ft (7.6m)	32.00	29.44	26.88	24.32	21.76

RoHS Premium Molded RCA Audio Cable Assembly - 2 RCAs Per End

These high quality dual line coaxial cables with gold plated RCA connectors provide the best in audio transmission. Color coded in Red and White to easily identify the left and right channel.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCR2MM-2	2 Line Dual RCA Cable, RCA Male / Male, 2.0ft (0.6m)	6.25	5.88	5.50	5.13	4.75
CCR2MM-3	2 Line Dual RCA Cable, RCA Male / Male, 3.0ft (0.9m)	6.75	6.34	5.94	5.54	5.13
CCR2MM-6	2 Line Dual RCA Cable, RCA Male / Male, 6.0ft (1.8m)	8.25	7.75	7.26	6.77	6.27
CCR2MM-9	2 Line Dual RCA Cable, RCA Male / Male, 9.0ft (2.7m)	9.75	9.16	8.58	8.00	7.41
CCR2MM-12	2 Line Dual RCA Cable, RCA Male / Male, 12.0ft (3.6m)	11.25	10.57	9.90	9.23	8.55
CCR2MM-25	2 Line Dual RCA Cable, RCA Male / Male, 25.0ft (7.6m)	17.75	16.68	15.62	14.56	13.49

RoHS Component Video (YCbCr) 3 RCA Plugs in a Single Jacket - Molded Strain Relief

These assemblies utilize premium grade 75 Ohm coaxial cable and gold plated connectors to assure optimum transmission of the component video signal. Coaxial cable is color coded with Red, Green, Blue lines for ease of use. They are bundled in a single jacket with molded strain reliefs providing a rugged yet compact assembly.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CVR3MM-2	3 Line Component Video Cable, RCA Male / Male, 2.0ft (0.6m)	9.00	8.28	7.56	6.84	6.12
CVR3MM-3	3 Line Component Video Cable, RCA Male / Male, 3.0ft (0.9m)	10.00	9.20	8.40	7.60	6.80
CVR3MM-6	3 Line Component Video Cable, RCA Male / Male, 6.0ft (1.8m)	13.00	11.96	10.92	9.88	8.84
CVR3MM-9	3 Line Component Video Cable, RCA Male / Male, 9.0ft (2.7m)	16.00	14.72	13.44	12.16	10.88
CVR3MM-12	3 Line Component Video Cable, RCA Male / Male, 12.0ft (3.6m)	19.00	17.48	15.96	14.44	12.92
CVR3MM-25	3 Line Component Video Cable, RCA Male / Male, 25.0ft (7.6m)	32.00	29.44	26.88	24.32	21.76

RoHS RCA Universal Sub-Panels

This Series features a dual RCA coupler model and two triple RCA coupler versions. Our dual model RCA couplers are white and red to denote the traditional left/right audio set up. The triple port versions feature, green, blue and red for component video and yellow, white and red for composite video and left/right audio. Each panel is supplied with four 6-32 screws for quick installation into L-com's universal frame. Pick and choose the connections you need.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP2RCAB	Universal Sub-Panel, Dual RCA Couplers- Red/White	12.98	12.46	11.94	11.42	10.90
USP3RCA-CB	Universal Sub-Panel, Three RCA Couplers- Green/Blue/Red	15.98	15.34	14.70	14.06	13.42
USP2RCAB	Universal Sub-Panel, Dual RCA Couplers- Red/White	12.98	12.46	11.94	11.42	10.90
USP1SVID2RCAB	Universal Sub-Panel, Single S-Video and Dual RCA Couplers	20.98	20.14	19.30	18.46	17.62
UPR35-6B	Universal Master Rack Panel with 6 Openings, Black	24.95	23.95	22.95	21.96	20.96

RoHS RCA 1U and 2U Rack Panels

This series of RCA feedthru rack panels is offered in both 1U high 16 port and 2U high 32 port configurations. Panels are made from 16 gauge cold rolled steel and are finished with a durable black powdercoat. These rugged panels are an excellent choice for professional A/V applications.

Item #	Description	1-9	10-24	25-99	100-249	250-499
PR175RCA16	1.75" (4.4cm) x 19" (48.3cm) Panel (Black), 16 RCA Couplers	89.95	88.15	86.35	84.55	82.75
PR35RCA32	3.5" (8.9cm) x 19" (48.3cm) Panel (Black), 32 RCA Couplers	149.95	146.95	143.95	140.95	137.95

RoHS RCA Female Feed-Thru Adapter - with Red, Green, Blue, Yellow or White Insulators

These RCA feed-thru adapters feature insulators color coded for both video and audio applications. This color coding assists in component hookup to avoid improper connections.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA400R	Coaxial Adapter, RCA Bulkhead Female / Female, Red Insulator	3.65	3.43	3.21	2.99	2.77
BA400G	Coaxial Adapter, RCA Bulkhead Female / Female, Green Insulator	3.65	3.43	3.21	2.99	2.77
BA400B	Coaxial Adapter, RCA Bulkhead Female / Female, Blue Insulator	3.65	3.43	3.21	2.99	2.77
BA400Y	Coaxial Adapter, RCA Bulkhead Female / Female, Yellow Insulator	3.65	3.43	3.21	2.99	2.77
BA400	Coaxial Adapter, RCA Bulkhead Female / Female, White Insulator	3.65	3.43	3.21	2.99	2.77
BA400A	Coaxial Adapter, RCA Bulkhead Female / Female, 0.5" (1.3cm) Circular Hole	3.65	3.43	3.21	2.99	2.77

Tip

How to tame the RGB, Component, S-Video, Composite beast

Color video signal is transmitted across a wide variety of transmission medias. Below is an illustration of how they work with each other.

Red + Black and White →
Green + Black and White →
Blue + Black and White →

Color and black and white information is combined and transmitted across multiple lines

A converter is needed to separate the color signals from the black and white signals so that it can be transmitted across any one of these medias.

Black and White →
Color →
Color →

Black and White →
Color →

Color + Black and White →

Once the RGB signal is separated into color and black and white elements, interconnection between Component, S-Video and Composite is possible without the use of a converter.

"Rapid response and delivery are a must to succeed in winning a bid or contract. L-com has always been reliable and quick to turn around pricing and product when called upon." - Natasha M.

Adapters and Gender Changers

It is often necessary to interconnect between different interface types or to change the gender of an interface to allow attachment of an extension cable. We offer a wide assortment of adapters and gender changers covering commonly used interfaces such as HD15, Mini DIN 5 and 6, DB9, DVI and HDMI.

RoHS PS/2 Monitor Adapter - High-Density DB15 to DB9 Connector Interfaces RGB Monitors

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMA100MM	Monitor Adapter, HD15M / DB9M Slimline PS2 to IBM	7.55	6.80	6.04	5.28	4.53

RoHS HD15 Slimline Gender Changer/Adapters - Fully Populated

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGBH15F	Slimline Gender Changer, HD15 Female / Female	7.95	7.16	6.36	5.56	4.77
DGBH15M	Slimline Gender Changer, HD15 Male / Male	7.95	7.16	6.36	5.56	4.77
DGBH15MF	Slimline Socket Saver, HD15 Male / Female	7.95	7.16	6.36	5.56	4.77

RoHS Slimline Gender Changer/Adapters - with Pin 9 Missing to Interface VGA Monitors

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGBV15F	Slimline Gender Changer, HD15 Female / Female, No Pin 9	7.95	7.16	6.36	5.56	4.77
DGBV15M	Slimline Gender Changer, HD15 Male / Male, No Pin 9	7.95	7.16	6.36	5.56	4.77
DGBV15MF	Slimline Socket Saver, HD15 Male / Female, No Pin 9	7.95	7.16	6.36	5.56	4.77

RoHS PS/2 Keyboard Adapters - Use to Interface AT Keyboard with IBM PS/2 Computer

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB530	Keyboard Adapter, Mini DIN 6M / DIN 5F	5.95	5.47	5.00	4.52	4.05
DMB530R	Keyboard Adapter, Mini DIN 6F / DIN 5M	5.95	5.47	5.00	4.52	4.05
K23-645	Keyboard Adapter, DB9F / Mini DIN 6F, (Generic, standard mice)	6.95	6.39	5.84	5.28	4.73
K23-646	Keyboard Adapter, DB9M / Mini DIN 6M, (Generic, standard mice)	6.95	6.39	5.84	5.28	4.73
K23-647	Keyboard Adapter, DB9F / Mini DIN 6F, (Enhanced, 3 button mice)	6.95	6.39	5.84	5.28	4.73

RoHS DVI Digital Video Molded Adapters

These fully molded adapters provide transition from DVI to both VGA (HD15) and DFP interfaces. Compact in size these adapters are very useful in dealing with difficult interconnection problems.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB600FM	DVI Adapter, DVI-D Female / DFP Male	14.95	13.75	12.56	11.36	10.17
DMB601MF	DVI Adapter, DVI-A Male / HD15 Female	9.00	8.28	7.56	6.84	6.12
DMB602FM	DVI Adapter, DVI-A Female / HD15 Male	12.50	11.50	10.50	9.50	8.50
DMB603MF	DVI Adapter, DVI-D Male / DVI-I Female	16.00	14.72	13.44	12.16	10.88

RoHS DVI Female to Female Feed-thru Bulkhead Adapter

This fully populated DVI Female Bulkhead Adapter is compatible with DVI-I Single/Dual Link, DVI-D Single/Dual Link and DVI-A male connectors and are bulkhead mountable to allow coupling of two DVI cables through a bulkhead.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB605FF	DVI Bulkhead Adapter, Female / Female	14.75	13.28	11.80	10.32	8.85

RoHS HDMI (High Definition Multimedia Interface) Adapters

This series of HDMI adapters is offered in male to female and female to female gender configurations covering your HDMI connection applications from gender changing to panel mount feed-thrus. All adapters are fully molded and compact in size for durability and usefulness in tight fit situations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HDMIFM	HDMI Adapter, Female / Male	10.85	9.98	9.11	8.25	7.38
HDMIFF	HDMI Adapter, Female / Female	10.85	9.98	9.11	8.25	7.38

RoHS DVI (Digital Video Interface) to HDMI (High Definition Multimedia Interface) Adapters

This series of adapters utilizes two of the most commonly used digital video interfaces of DVI and HDMI. Offered in various gender combinations to address multiple interface conversion applications. Fully molded and compact in size for durability and usefulness in tight fit situations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DVIHDMF	Digital Video Adapter, DVI-D Dual Link Male / HDMI Female	9.25	8.51	7.77	7.03	6.29
DVIHDFF	Digital Video Adapter, DVI-D Dual Link Female / HDMI Female	9.25	8.51	7.77	7.03	6.29
DVIHDMM	Digital Video Adapter, DVI-D Dual Link Male / HDMI Male	9.25	8.51	7.77	7.03	6.29
DVIHDFM	Digital Video Adapter, DVI-D Dual Link Female / HDMI Male	9.25	8.51	7.77	7.03	6.29

RoHS HD15 Low Profile Right Angle Adapters - Molded and Fully Shielded

Connecting cables in tight spaces can be a problem in many applications. These low profile adapters solve this problem by allowing cables to be connected at a 90 degree angle. Two versions are available to allow cables to exit in opposite directions. Adapters are male to female, fully shielded and are overmolded with Gray PVC. Mating hardware is reversible allowing for use in virtually any application.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DG90H15MF1	Low Profile Right Angle Adapter, HD15 Male / Female, Cable Exit 1	8.00	7.52	7.04	6.56	6.08
DG90H15MF2	Low Profile Right Angle Adapter, HD15 Male / Female, Cable Exit 2	8.00	7.52	7.04	6.56	6.08

HD15 Switch Box - Made Specifically to Switch SVGA Cables, Uses Coaxial Lines

Add flexibility to your SVGA system by using our compact switch box that accepts HD15 connectors. All 15 lines are simultaneously switched. Features: built-in coaxial wiring not found in typical switch boxes and highest quality components in a shielded metal enclosure. Three female receptacles; one line in and two out. Designed to use as a stand alone or rack mounted. Three switch boxes will fit on one Universal (3.5" x 19"/8.9 cm x 48.3 cm) rack panel.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP-HDB15AB	HD15 AB Switch Box, Female Connectors	49.95	CALL	CALL	CALL	CALL

DMA100MM

DGBH15F
DGBV15F

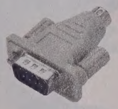
DGBH15M
DGBV15M

DGBH15MF
DGBV15MF

DMB530

DMB530R

K23-645


K23-646

DMB600FM
(Front View)

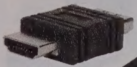
DMB600FM
(Rear View)

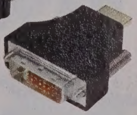
DMB601MF

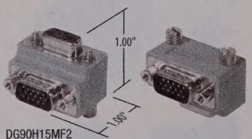
DMB602FM

Best Seller

DMB605FF


HDMIFM


DVIHDMM



DG90H15MF2
Cable Exit 2

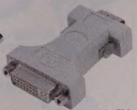
USP-HDB15AB

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

DMB600FM (Front View)

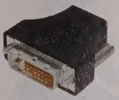
DMB600FM (Rear View)

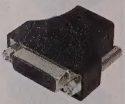
DMB601MF

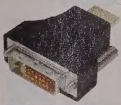

DMB602FM

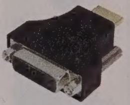
DMB603MF

Best Seller
DMB605FF

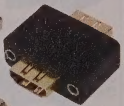

DVIHDMF


DVIHDFF


DVIHDMM


DVIHDFM

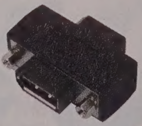
HDMIFM

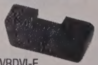

HDMIFF

AHDMIMM

HDMIFM-SW

HDMIFF-SW


New
DP-FF


CVRDVI-F

CVRDVI-M

New

CVRHDMI-M

CVRHDMI-F

Tip What are the major digital interfaces?

Currently there are four major digital video interfaces controlled by different standards groups and each with it's own strengths and weaknesses. This chart is a comparison of these interfaces.	EVC (Enhanced Video Connector) or P&D (Plug & Display) 	DP (Display Port) 	DVI (Digital Video Interface) 	HDMI® (High Definition Multimedia Interface)
Standards Group	VESA (Video Electronics Standards Association)	VESA (Video Electronics Standards Association	DDWG (Digital Display Work Group)	HDMI® Founders (Consortium of leading consumer electronics manufacturers)
Maximum Channels	3	8	6 (Dual Link)	8
Maximum Resolution	SXGA (1280 x 1024)	1080p	QXGA (2048 x 1536)	HDTV 720P and 1080P
Analog / Digital Combination	P&D (30 + 4 Pin) Yes	No	DVI-I (24 + 4 Pin) Yes	No
Digital / Audio	No	Yes	No	Yes

RoHS DVI Digital Video Molded Adapters

These fully molded adapters provide transition from DVI to both VGA (HD15) and DFP interfaces. Compact in size these adapters are very useful in dealing with difficult interconnection problems.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DMB600FM	DVI Adapter, DVI-D Female / DFP Male	14.95	13.75	12.56	11.36	10.17
DMB601MF	DVI Adapter, DVI-A Male / HD15 Female	9.00	8.28	7.56	6.84	6.12
DMB602FM	DVI Adapter, DVI-A Female / HD15 Male	12.50	11.50	10.50	9.50	8.50
DMB603MF	DVI Adapter, DVI-D Male / DVI-I Female	16.00	14.72	13.44	12.16	10.88

RoHS DVI Female to Female Feed-thru Bulkhead Adapter

This fully populated DVI female bulkhead adapter is compatible with DVI-I Single/Dual Link, DVI-D Single/Dual Link and DVI-A male connectors and is bulkhead mountable to allow coupling of two DVI cables through a bulkhead.

DMB605FF	DVI Bulkhead Adapter, Female / Female	14.75	13.28	11.80	10.32	8.85

RoHS DVI (Digital Video Interface) to HDMI® (High Definition Multimedia Interface) Adapters

This series of adapters utilizes two of the most commonly used digital video interfaces of DVI and HDMI. Offered in various gender combinations to address multiple interface conversion applications. Fully molded and compact in size for durability and usefulness in tight fit situations.

DVIHDMF	Digital Video Adapter, DVI-D Dual Link Male / HDMI Female (Panel Mount)	9.25	8.51	7.77	7.03	6.29
DVIHDFF	Digital Video Adapter, DVI-D Dual Link Female / HDMI Female	9.25	8.51	7.77	7.03	6.29
DVIHDMM	Digital Video Adapter, DVI-D Dual Link Male / HDMI Male	9.25	8.51	7.77	7.03	6.29
DVIHDFM	Digital Video Adapter, DVI-D Dual Link Female / HDMI Male	9.25	8.51	7.77	7.03	6.29

RoHS HDMI® (High Definition Multimedia Interface) Adapters

This series of HDMI adapters is offered in male-female, female-female and male-male gender configurations covering your HDMI connection applications from gender changing to panel mount feed-thrus. All adapters are fully molded and compact in size for durability and usefulness in tight fit situations.

HDMIFM	HDMI Adapter, Female / Male	10.85	9.98	9.11	8.25	7.38
HDMIFF	HDMI Adapter, Female / Female	10.85	9.98	9.11	8.25	7.38
AHDMIMM	HDMI Adapter, Male / Male	7.90	7.11	6.32	5.53	4.74

RoHS HDMI® Swivel Adapters

L-com offers female to female and male to female HDMI swivel adapters to address applications where space is confined or access is prohibitive. These versatile HDMI swivel adapters can be used with any HDMI compliant cable assembly or HDMI ports on devices including HD TVs, HDMI hubs.

HDMIFF-SW	HDMI Swivel Adapter, HDMI Female / HDMI Female	9.95	9.35	8.76	8.16	7.56
HDMIFM-SW	HDMI Swivel Adapter, HDMI Female / HDMI Male	9.95	9.35	8.76	8.16	7.56

RoHS DisplayPort Panel Mount Adapter (Female DP to Female DP)

L-com's DP-FF is a versatile panel mount DisplayPort feed-thru adapter that makes connecting DisplayPort cables through a panel or enclosure a snap. This DisplayPort adapter features two removable 4-40 jackscrews for easy panel mounting.

DP-FF	DisplayPort Panel Mount Adapter, Female / Female	17.95	17.59	17.23	16.87	16.51

RoHS DVI Dust Covers - Male and Female

L-com's DVI dust covers protect unused DVI connectors on cable assemblies and DVI receptacles on DVI equipment including DVI KVM switches, DVI Extenders, DVI splitters, and more! We offer both male and female DVI dust covers in packages of 10.

CVRDVI-M	DVI Dust Cover, Male, Pkg/10	5.95	5.71	5.47	5.24	5.00
CVRDVI-F	DVI Dust Cover, Female, Pkg/10	5.95	5.71	5.47	5.24	5.00

RoHS HDMI® Dust Covers- Male and Female

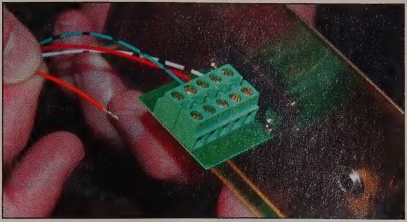
L-com's HDMI dust covers protect unused HDMI connectors on cable assemblies and HDMI receptacles on HDMI equipment including HDMI hubs, HDMI Extenders, HDMI splitters, and more! We offer both male and female HDMI dust covers in packages of 10.

CVRHDMI-M	HDMI Dust Cover, Male, Pkg/10	5.95	5.71	5.47	5.24	5.00
CVRHDMI-F	HDMI Dust Cover, Female, Pkg/10	5.95	5.71	5.47	5.24	5.00

Latest new products
See our latest new products at L-com.com/NewProducts

Field Installation Products

Often times the use of finished cable assemblies is simply not possible due to space limitations of an existing installation. In these cases, L-com's offering of field friendly products are the perfect solution. Our terminal block connectors allow termination of data, audio, and video lines without the use of any special tools. These products were designed to address existing infrastructure applications where space is limited and running new cable is not an option.

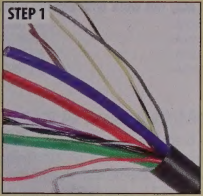


✓RoHS DB9, DB25 or HD15 Female Connector for Field Termination - Panel Mountable

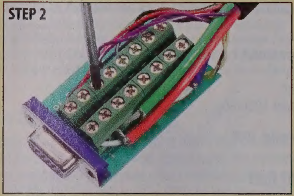
These field termination female connectors provide an easy and convenient way to perform field termination of any DB9, DB25 or HD15 cable. Separate connection points are provided for all positions of the connector plus the ground. Terminal block design with set screws provides reliable electrical connections without special tools. The terminal block area is clearly marked making proper termination virtually foolproof. Panel mountable for thickness up to 0.062" (1.57mm).

Item #	Description	1-9	10-24	25-99	100-249	250-499
DGB9FT	DB9 Female Connector for Field Termination	8.25	7.75	7.26	6.77	6.27
DGB25FT	DB25 Female Connector for Field Termination	12.00	11.28	10.56	9.84	9.12
DGBH15FT	SVGA HD15 Female Connector for Field Termination	10.00	9.40	8.80	8.20	7.60

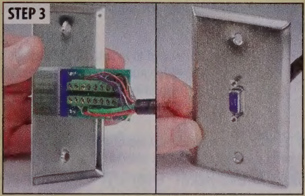
Tip *How to perform a field installation of a DGBH15FT HD15 (SVGA) jack*



Prepare bulk cable by exposing coax and conductor lines as shown.



Insert coax center conductor and shield as well as conductors into appropriate terminal slot as indicated in the supplied wiring diagram. Tighten the setscrews.



Attach the completed assembly to the mounting surface.

✓RoHS Mini DIN 4 - S-Video Jack for Field Termination

The MD44FT field termination Mini DIN 4 female jack offers a quick and easy field termination using common tools. Terminal blocks with set screws ensure reliable electrical connections. The terminal block area is clearly marked making field termination virtually foolproof. This unit is designed to fit common .5" (1.3cm) circular or D-style openings. The undercut PCB area provides a convenient area to secure a cable tie wrap resulting in a neat dressing for the terminated cable. Custom configurations will be considered with modest minimums.

MD44FT	Mini DIN 4 Female Field Termination Jack	7.25	6.67	6.09	5.51	4.93

✓RoHS DVI-D Dual Link Field Termination Connector, Female

The DVIDDLFT field termination connector provides an easy and convenient way to perform field termination of any DVI-D Dual Link cable. Separate connection points are provided for all 24 positions of the connector. The terminal block design with set screws provides reliable electrical connections utilizing no special tools. Additionally the terminal block area is clearly marked making proper termination virtually foolproof.

DVIDDLFT	DVI-D Dual Link, Female	13.95	13.11	12.28	11.44	10.60

✓RoHS HDMI® Field Termination Connector, Female Type A

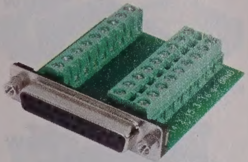
The HDMIFT is the perfect solution for quickly adding an HDMI port for A/V infrastructure additions or repairs. This easy to install HDMI field term connector utilizes handy screw terminals which are clearly numbered for ease of installation. 30μ gold plated contacts provide excellent signal integrity.

HDMIFT	HDMI, Female Type A	9.95	9.35	8.76	8.16	7.56

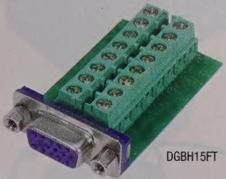
✓RoHS 3.5mm Field Termination Connector, Female

L-com's 35MMFT is the perfect solution for quickly adding a 3.5mm audio port. This easy to install 3.5mm field term connector utilizes handy screw terminals which are clearly marked for ease of installation.

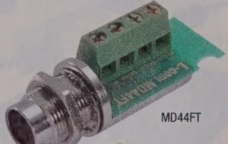
35MMFT	3.5mm, Female	3.99	3.91	3.83	3.75	3.67



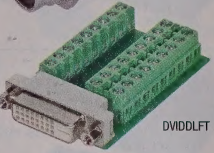
DGB25FT



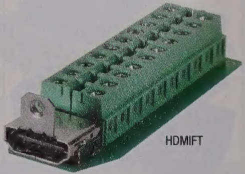
DGBH15FT



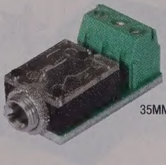
MD44FT



DVIDDLFT



HDMIFT



35MMFT

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

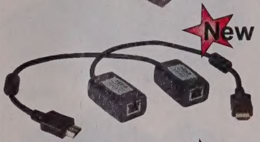
L-com Global Connectivity

HD-SP-102

HD-SP-104

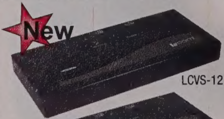
HD-SW-201

HD-SW-401



HD-EXT-HSS

HD-EXT-HSL



LCVS-12

LCVS-14

LCVS-18

LCVX-VGA

✓RoHS L-com HDMI® Splitter 1x2 or 1x4 - 3D Ready, HDCP Compliant

Easily split your HDMI® signal with L-com's 3D ready HDMI® Splitters. These plug-and-play HDMI® splitters set up in seconds and are perfect for home or professional use. Features include HDCP, 1080/60p resolutions, and 3D support.

- Used to split HDMI® signals from one source to multiple displays
- Plug and play - fast set up
- HDCP compliant
- Resolution: up to Blu-ray 1080/60p

Item #	Description	List Price
HD-SP-102	L-com HDMI® Splitter, 1x2, 3D Ready, HDCP Compliant	89.95
HD-SP-104	L-com HDMI® Splitter, 1x4, 3D Ready, HDCP Compliant	179.95

✓RoHS L-com HDMI® Switches 2x1 or 4x1 - 3D Ready, HDCP Compliant

Easily switch your HDMI® signal with L-com's 3D ready HDMI® Switches. These plug-and-play HDMI® switches set up in seconds and are perfect for home or professional use. Features include HDCP, 1080/24p resolutions, and 3D support.

- Used to switch HDMI® signals from multiple sources to one display
- Plug and play
- HDCP compliant
- Supports 3D HDMI® applications
- Resolution: up to 1080/24p

Item #	Description	List Price
HD-SW-201	L-com HDMI® Switch, 2x1, 3D Ready, HDCP Compliant	65.95
HD-SW-401	L-com HDMI® Switch, 4x1, 3D Ready, HDCP Compliant	92.95

✓RoHS Passive HDMI® Over UTP Extender - 100 feet

L-com's HD-EXT-HSS HDMI® extender extends HDMI® signal up to 100 feet over standard Cat 5 or Cat 6 cabling. This passive HDMI® extender features a TX and RX unit and does not require an external power supply. **This product does not support HDCP and it may not work with Blu-ray movie applications.**

- Used to extend HDMI® signals over Cat5/6 cabling up to 100 feet
- Plug and play- sets up in seconds
- No external power supply required
- Distance: 100 feet 1080/60i, 50 feet 1080/60p

Item #	Description	List Price
HD-EXT-HSS	Passive HDMI® Over UTP Extender, 100ft	39.95

✓RoHS Active HDMI® Over UTP Extender - 200 feet

L-com's HD-EXT-HSL HDMI® extender extends HDMI® signal up to 200 feet over standard Cat 5 or Cat 6 cabling. This active HDMI® extender features a TX and RX unit and is fully Blu-ray 1080/60p compatible. Features include HDCP support, adjustable 8-level EQ control, and 7.1-channel surround sound audio.

- Used to extend HDMI® signals over Cat5/6 cabling up to 200 feet
- Plug and play
- HDCP Compliant
- Resolution up to 1080/60p
- Distance: 200 feet 1080/60i, 150 feet 1080/60p

Item #	Description	List Price
HD-EXT-HSL	Active HDMI® Over UTP Extender, 200ft	179.95

✓RoHS L-com VGA Video Splitters

L-com's LCVS series of VGA video splitters are perfect for distributing VGA video signals from one source to multiple displays. These plug and play video splitters can be installed in seconds and provide crisp, clear images. Perfect for Digital Signage and Pro A/V applications, these robust yet affordable VGA splitters feature rugged metal cases as well as external power supplies (included).

- Used to Split analog video signals from one source (PC) to multiple displays (Monitors)
- Rugged metal case ensures durability
- Signal bandwidth: 350 MHz (2 and 4 port)- 300 MHz (8 port model)

Item #	Description	List Price
LCVS-12	L-com 1x2 VGA Video Splitter	35.00
LCVS-14	L-com 1x4 VGA Video Splitter	50.00
LCVS-18	L-com 1x8 VGA Video Splitter	72.00

✓RoHS L-com UTP VGA Extender (TX and RX Unit)

L-com's LCVX-VGA UTP VGA extender is perfect for Digital Signage and Pro A/V applications where the extension of analog video is necessary. The LCVX-VGA features a TX and RX unit as well as external power supplies. These VGA extenders utilize standard Cat5 or Cat 6 UTP cabling to transmit crystal clear video up to 150 meters.

- Used to extend analog video up to 150 meters over Cat5/6 cabling
- Rugged metal case ensures durability
- Equalizer selector offers optimal video signal tuning
- Resolution 1024 x 768 (@150 meters)

Item #	Description	List Price
LCVX-VGA	L-com UTP VGA Extender, TX and RX Unit	97.00

L-com Global Connectivity

Free access to over 3,000 CAD models
Download CAD models and 2D drawings for integrating
into your projects. L-com.com/CadDemo

☑RoHS L-com SignDriver® Digital Signage Distribution System - Flexible, High Performance

6100953-L

6100951-L

Use L-com's SignDriver® Digital Signage Distribution System to get your message across to your customers. This rugged, high performance solution delivers crystal clear video content via Cat-X unshielded twisted pair cabling to video monitors up to 1,000-feet (304.8m) away from the source and supports video resolutions of up to 1600 x 1280 @ 60hz.

The core of the system is the Cat-X Video Distribution Hub. This device is equipped with a standard VGA HD15-F connector which is attached to the video content host. Video information is then broadcasted simultaneously to the 4-RJ45 Category-X jacks. Use the VGA-HD15 Output port to cascade multiple hubs together to build a much larger system.

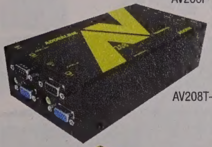
To attach the video displays to the system, simply connect a compact Remote Interface Module to the monitor and the unshielded twisted pair cabling from the hub and you're ready to start broadcasting content. The Remote Interface Module is also equipped with a second Cat-X RJ-45 connector to cascade or daisy chain multiple Remote Interface Modules. Optimize video clarity by adjusting the Compensation and Gain Controls.

- Broadcast video content via Cat-X UTP cabling
- Scalable solution that grows with you
- Easy to install and simple to use
- Supports video resolutions up to 1600x1280
- Locate video monitors up to 1,000' (304.8m) from the host distribution Hub

Item #	Description	List Price
6100950-L	SignDriver® 4-Port Cat-X Video Distribution Hub	249.00
6100951-L	SignDriver® 4-Port Cat-X Video Distribution Hub/with Audio	279.00
6100952-L	SignDriver® Remote Receiver	179.00
6100953-L	SignDriver® Remote Receiver/with Audio	229.00
6100990-L	SignDriver® Single Port Video Extender Kit	349.00
6100991-L	SignDriver® Single Port Video Extender Kit/with Audio	389.00

AdderLink AV200 Series Audio/Video Extenders

AV200P-US


AV208T-US

The AdderLink AV200 Series is a range of audio visual extenders delivering high video resolutions, superb quality audio and RS-232 up to 300m/1000ft using standard CATx cable (x=5,5e,6,7). The innovative design allows for flexible audio-visual distribution, management, control and interaction with the display devices which can be expanded to grow in line with project developments. Consisting of 5 interchangeable units, the AdderLink AV200 Series makes the design of digital signage and narrow casting applications cost effective, flexible and easy to plan.

Item #	Description	List Price
AV200P-US	Adder AV 200 Series Extender Pair, Point to Point with Serial, No Deskew, Outputs to 2 Displays	459.00
AV200R-US	Adder AV 200 Series Extender Receiver with Serial, No Deskew, Outputs to 2 Displays	259.00
AV200T-US	Adder AV 200 Series Extender Point to Point Transmitter with Serial	199.00
AV201R-US	Adder AV 200 Series Extender Receiver with Serial and Deskew, Outputs to 2 Displays	369.00
AV204T-US	Adder AV 200 Series Extender Point to Multipoint 4-Way Transmitter with Serial	489.00
AV208T-US	Adder AV 200 Series Extender Point to Multipoint 8-Way Transmitter with Serial	579.00

AdderLink AV Series Audio/Video Extenders

AV100T-US

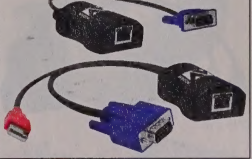
AV100R-US

The AdderLink AV Series is a range of audio visual extenders delivering high video resolutions and superb quality audio up to 300m (1,000 ft) using standard CAT5, 5e, 6 or 7 cables. Designed for use in Digital Signage applications, the innovative design allows for flexible distribution that can grow in line with project developments and ensures direct delivery of crystal clear communication to consumers at the point of decision. The AdderLink AV Series avoids the prohibitive costs of fiber optic cabling, displays with built in CPUs or locating a CPU next to each screen. The AdderLink AV Series consists of 4 interchangeable units.

Item #	Description	List Price
AV100T-US	Adder AV 100 Series Extender Point to Point Transmitter	175.50
AV100R-US	Adder AV 100 Series Extender Receiver, No Deskew, Outputs to 2 Displays	220.50
AV100P-US	Adder AV 100 Series Extender Pair, Point to Point, No DeSkew, Outputs to 2 Displays	379.00
AV101R-US	Adder AV 100 Series Extender Receiver with Deskew, Outputs to 2 Displays	265.50
AV102T-US	Adder AV 100 Series Extender Point to Multipoint 2 Way Transmitter with Serial	150.00
AV104T-US	Adder AV 100 Series Extender Point to Multipoint 4 Way Transmitter	295.00

AdderLink LPV150 Series Digital Signage Extenders

ALPV150P



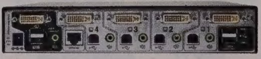
The AdderLink LPV has been designed to deliver stunning results at a really attractive price, making it the perfect introduction to professional digital signage. The AdderLink LPV Digital Signage Extender is possibly the easiest to install point to point extender available today. In addition to its simplicity the LPV Extender also delivers fantastic quality video up to 150 meters / 500 feet away. The ALPV154T is able to take the same HD input and split it to 4 different screens connected via the ALPV150R receivers. There is a feed through port on the unit to allow a local display or you can cascade another ALAV154T so you can supply 8 screens.

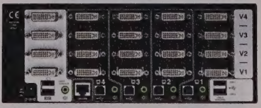
Item #	Description	List Price
ALPV150P	AdderLink ALPV150 Digital Signage Extender, USB and VGA	229.00
ALPV150R	Line Powered VGA Extender Receiver to 150 meters	110.00
ALPV154T	4-Way Line Powered VGA Extender to 150 meters	365.00

AdderView Pro DVI 4 and 8 Port KVM Switches

AV4PRO-DVI

AV4PRO-DVI (Rear View)




AV4PRO-DVI-QUAD

The AdderView Pro DVI series are professional grade Dual Link DVI-I KVMA switches which deliver ultimate flexibility for users who wish to share a high resolution screen(s) and modern USB peripherals between a multiplicity of computers.

The AV4PRO-DVI is designed to enable four computers to be controlled from a single high resolution KVM console using either dual link DVI or high definition analog video links. The switch makes use of Adder's True Emulation technology which enables USB HID devices to be continuously emulated to each computer. This unique technology enables instantaneous and reliable hotkey switching while also supporting the extra keys and features of enhanced keyboards and mice. Furthermore, the AdderView includes two independently switchable USB 2.0 channels and an audio channel, giving the user the flexibility to attach selected peripherals to different computers. 4 Port VGA versions also available at **L-com.com**.

Item #	Description	List Price
AV4PRO-DVI	AdderView 4 Pro DVI 4 Port KVM Switch (4 PCs)	459.00
AV4PRO-DVI-DUAL	AdderView 4 Pro DVI 4 Port Dual Head KVM Switch (4 PCs)	925.00
AV4PRO-DVI-TRI	AdderView 4 Pro DVI 4 Port Triple Head KVM Switch (4 PCs)	1289.00
AV4PRO-DVI-QUAD	AdderView 4 Pro DVI 4 Port Quad Head KVM Switch (4 PCs)	1659.00
AV8PRO-DVI	AdderView 8 Pro DVI 8 Port KVM Switch (8 PCs)	1389.00
AV4PRO-DP	AdderView Pro 4-Port, DisplayPort with USB True Emulation Technology	675.00

To see our entire product offering
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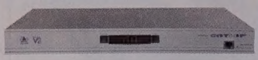
Global Connectivity

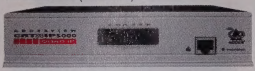
AVX4024IP (Front View)



AVX4024IP (Rear View)

AVX1008IP-US

AVX5016IP-US (Front View)



AVX5016IP-US (Rear View)

X200A-R-US

CATX-PS2

CATX-USBA

New

RD1716-US

AdderView CATx and CATxIP 1000 KVM Switches

The AdderView CATx Series is a range of secure, KVM via CATx switches that provide concurrent local, remote or global users with BIOS-level control of up to 24 multi-platform servers. The AdderView CATxIP KVM Switch Series provides local and global access for users who need to control multi-platform operating systems and hardware over IP with BIOS level control.

Item #	Description	List Price
AVX1008-US	AdderView Catx, Single User, 8 Computer Ports	459.00
AVX1008IP-US	AdderView CATxIP KVM Over IP Switch, 8 Computer Ports	1105.95
AVX1016-US	AdderView Catx, Single User, 16 Computer Ports	645.00
AVX1016IP-US	AdderView CATxIP KVM Over IP Switch, 16 Computer Ports	1289.00
AVX4016	AdderView Catx 4 User, 16 Port Switch	1525.50
AVX4016IP	AdderView Catx IP 4 User, 16 Port Switch	2155.50
AVX4024	AdderView Catx 4 User, 24 Port Switch	1795.50
AVX4024IP	AdderView Catx IP 4 User, 24 Port Switch	2425.50

AdderView CATxIP 5000 KVM Over IP Switches

The AdderView AVX5016 IP is the culmination of Adder's KVM over IP expertise to date. This new device offers 4 non blocking simultaneous IP connections together with a local port (5 separate users), and allows the user to control 16 separate devices. The AVX5016 IP is very small and compact enabling you to fit two units side by side to support 32 computers and 10 sessions in just 1U of rack space. Using Adder's CAM modules, you can connect the switch via CAT5e cable to any type of server including PC, Mac and Sun. Country code reporting, DDC and continuous keyboard and mouse emulation further ensure faultless operation across your unique installation.

Item #	Description	List Price
AVX5016IP-US	AdderView CATxIP KVM Over IP Switch, 16 Computer Ports	1629.00
AVX5016IPC-US	AdderView CATxIP KVM Over IP Switch, 16 Computer Ports (Includes Rackmount Kit and 8 USB CAMs)	2169.00
CATX-CONSOLE	CATx CONSOLE Dongle for use with AVX5016IP Product Only	80.00

Adder User Stations and Computer Access Modules

Computer Access Modules (CAM's) allow the user to connect multiple different machine platforms to an Adder CATx switch or KVM extender. Using the CAMs you can control Windows machines, SUN PCs and MACs over the same switch or connect via an extender. Multiple configurations are available for the Adder CAM including USB, PS/2, Audio, VGA etc

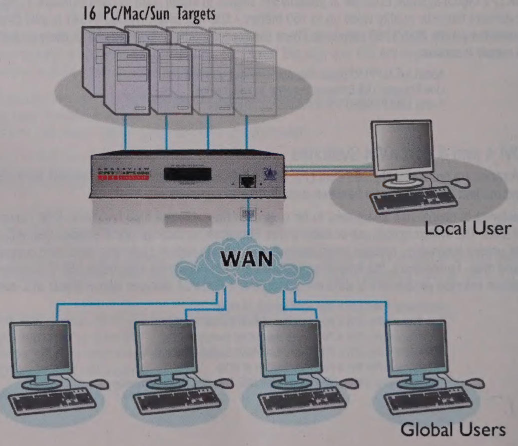
Item #	Description	List Price
X200R-US	KVM USB User Station, No Audio, No De-skew	369.00
X200A-R-US	KVM USB User Station, with Audio, No De-skew	369.00
X200AS-R-US	KVM USB User Station, with Audio and De-skew	489.00
CATX-PS2	CATx PS2 Computer Access Module	72.00
CATX-PS2A	CATx PS2 Plus Audio Computer Access Module	90.00
CATX-USB	CATx USB Computer Access Module	72.00
CATX-USBA	CATx USB Plus Audio Computer Access Module	90.00
CATX-SUNA	CATx SUN Plus Audio Computer Access Module	90.00
CATX-DP-USBA	CATx DisplayPort, USB and Audio Computer Access Module	135.00
CATX-MDP-USBA	CATx Mini DisplayPort, USB and Audio Computer Access Module	135.00

Adder Rack Trays

Adder Rack trays allow for management of 16 remote devices such as PC, Mac, SUN or almost any server. Adder rack trays feature high quality Samsung LCD display panels. Connection to remote devices is made via Adder CAM modules allowing you to connect an array of interfaces such as USB, PS/2, VGA, Audio and RS-232. The RDX5000IP can be used as an RS-232 console using the new CATx-Console CAM.

Item #	Description	List Price
RD1716-US	AdderView Rack Tray with 17" Samsung screen including integrated AVX1016 KVM switch	2150.00
RD1716IP-US	AdderView Rack Tray with 17" Samsung screen including integrated AVX1016IP KVM switch	2650.00
RD1716QIP-US	AdderView Rack Tray with 17" Samsung screen including integrated AVX5016IP KVM switch	3195.00
RD1916-US	AdderView Rack Tray with 19" Samsung screen including integrated AVX1016 KVM switch	2650.00
RD1916IP-US	AdderView Rack Tray with 19" Samsung screen including integrated AVX1016IP KVM switch	3295.00
RD1916QIP-US	AdderView Rack Tray with 19" Samsung screen including integrated AVX5016IP KVM switch	3650.00

Application diagram for AVX5016IP-US



Tips
Easy-to-understand tips to help with some of today's popular product applications. L-com.com/Tips

AdderLink X50 and X50-MS2 Series VGA/USB Extenders

The AdderLink X50 was designed for use in applications where computers need to have their USB peripherals including keyboards and mice, high quality video and audio control extended up to 50m (150 ft.) across CAT5 or higher UTP cable. The AdderLink X50-MultiScreen adds a second video and transparent, high speed RS-232 up to baud rates of 19200. The AdderLink X50 (MS2) series provides sharp, bright and ultra high-resolution video over a VGA interface(s) and ensures total USB compatibility regardless of the computer being controlled or the peripheral being extended.

Item #	Description	List Price
X50-US	AdderLink X50-US, USB / Video Extender	575.00
X50-MS2-US	AdderLink X50-MS2-US, USB / Multiscreen Video Extender	779.00

X50-MS2-US

AdderLink X Series X-200 Extenders

Fully featured USB keyboard, video and mouse extender with 44.1kHz digital stereo audio support for two computers. AdderLink X200s have been designed for use in applications where up to two computers can have their keyboard, video, audio and mouse control extended up to 300m (1000 feet) across Category 5 or higher UTP cable. The AdderLink X200 provides absolute real time keyboard and mouse performance along with hi-definition, hi-resolution video over a VGA interface.

Item #	Description	List Price
X200-USB-P-US	AdderLink 100m (330 feet) Extender Pair, USB CAM, No Audio, No De-skew	390.00
X200A-USB-P-US	AdderLink 100m (330 feet) Extender Pair, USB CAM, Audio, No De-skew	499.00
X200AS-USB-P-US	AdderLink 300m (1000 feet) Extender Pair, USB CAM, Audio and De-skew	579.00

X200A-USB-P-US
X200AS-USB-P-US

AdderLink X Series X-DVI PRO Extenders

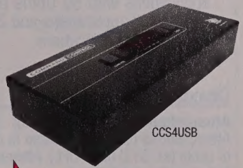
The AdderLink X-DVI PRO allows users to distribute control of any computer which uses DVI video and USB. The X-DVIPRO can deliver perfect 1080p digital video at distances over 50 meters and resolutions up to 165 MPixels per second (e.g. 1920x1200 @ 60Hz or 3840 x 2400 @ 17Hz).

Item #	Description	List Price
X-DVIPRO-US	DVI and 4-Port USB Over a Single CATx Cable to 50 meters	725.95
X-DVIPRO-MS2-US	Dual Head DVI, Audio and 4-Port USB Over a Single CATx Cable to 50 meters	1495.00

AdderLink X Series X-USB PRO Extenders

Adder's next generation USB, video and audio extenders deliver sharp, bright and high resolution video images and high quality audio at distances up to 300m (1000ft) over a single CATx cable.

Item #	Description	List Price
X-USBPRO-US	VGA, Audio and 4-Port USB Hub (Full Speed) Extender to 300 meters Over a Single CATx Cable	895.00
X-USBPRO-MS2-US	Dual Head VGA, Audio and 4-Port USB Hub (Full Speed) Extender to 300 meters Over Two CATx Cables	1495.00

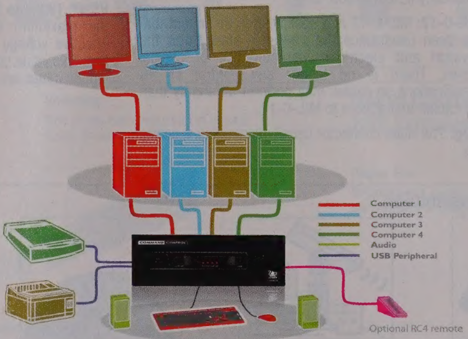

CCS4USB

Adder Command and Control Switch

The Adder Command & Control Switch (CCS4USB) is a professional grade control switch delivering USB True Emulation for use with modern or custom USB peripherals and audio with RS232 control. Includes Free Flow Technology - automated mouse switching designed to work with CCS4USB to automatically switch between target computers simply by moving the mouse pointer from screen to screen and can be configured for almost any combinations of screens.

Item #	Description	List Price
CCS4USB	1x4 USB Keyboard and Mouse Switch with Audio and FreeFlow Mouse Switching	459.00

Application diagram for CCS4USB



X-DVIPRO-US

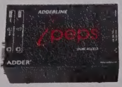
X-DVIPRO-MS2-US

X-USBPRO-US

AdderLink ipeps KVM Over IP

For Enterprise KVM solutions the AdderLink ipeps (IP Engine per Server) provides a non-blocking global solution by providing each computer with a dedicated KVM-via-IP engine. This can be enhanced by using the ADDER.NET Enterprise Management Software that provides a centralized and secure user access management interface. Where a KVM switch exists without KVM-over-IP functionality, the AdderLink ipeps is ideal for adding global management capabilities. Increasing numbers of computers are being used in remote, stand alone applications such as ATMs and digital signage play out devices. The incredibly small size of the AdderLink ipeps makes it perfect for remote management and control of dispersed computers, meaning that many tasks that would have required an expensive site visit can now be done from anywhere.

Item #	Description	List Price
AL-IPEPS	AdderLink ipeps KVM over IP	449.00
AL-IPEPS-DA	AdderLink ipeps KVM over IP (with Local Access)	699.00



AL-IPEPS-DA

AL-IPEPS

AdderLink IP KVM Over IP

Manage your computers from anywhere in the world with the high-performance AdderLink IP. The AdderLink IP only requires a KVM (keyboard, video, mouse) connection to your computer or KVM switch and doesn't need any custom software to be loaded on your servers. The AdderLink IP is fully compatible with VNC (Virtual Network Computing) and Java based web browsers and doesn't require the purchase of extra software 'seat' licenses. Features video modes up to 1280 x 1024 x 75Hz, video captured at 24 bits per pixel, adaptive color depth to match link speed and security features including AES 128 encryption, RSA 2048 authentication, auto logout after selectable inactive period and IP address restriction. Ships with KVM cable, universal power supply and installation CD. Rack mounting kits sold separately. Covered by a 2-year manufacturer's warranty.

Item #	Description	List Price
AL-IP	AdderLink IP Stand Alone KVM	895.50
AL-IP-GOLD	AdderLink IP Gold KVM via IP with DVI & USB	1379.00
RMK4S	AdderLink IP KVM Rack Mount Kit	79.00
RMK4D	AdderLink IP KVM Dual Rack Mount Kit	119.00

AL-IP (Front and Rear Views)

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go to...L-com.com

L-com® Global Connectivity

Coaxial Cabling Tutorial

What is Coaxial Cabling?

A coaxial cable is a two conductor electrical cable consisting of a center conductor and an outer conductor with an insulating spacer between the two.

How is Coaxial Cabling used?

Primarily, coaxial cables are used for the transmission of Radio Frequency energy. The system offers tight control over electrical impedance. This yields excellent performance at high frequencies and superior EMI control/shielding.

Where is Coaxial Cabling used?

A broad range of applications exist for coaxial cabling. The two primary impedance values of 50 and 75 Ohms determine specific applications with 50 Ohms primarily used in data signal applications and 75 Ohms used in video signal applications.

Coaxial Cabling Terms

Attenuation (Insertion Loss): Loss of power. Attenuation is usually measured in dB loss per length of cable (ex. 31.0 dB/100Ft.). Attenuation increases as frequency increases.

Bend Radius: The amount of radius a cable can bend without any adverse effects.

Center Conductor: The solid or stranded wire in the middle of the coaxial cable. The conductor diameter is measured by the American Wire Gauge (AWG).

Coaxial Adapter: A device used to change one connector type to another or one gender to another (ex. BNC to SMA Adapter).

Coaxial Cable: A two conductor cylindrical transmission line typically comprised of a center conductor, an insulating dielectric material and an outer conductor (shielding). Coaxial cable can be flexible (typical to the assemblies found in this catalog), semi-rigid or rigid in nature.

Coaxial Connector: The interconnection device found at each end of a coaxial cable assembly. There are many common types of coaxial connectors such as: BNC, SMA, SMB, Type F, etc.

Dielectric: The insulating material that separates the center conductor and shielding.

Electromagnetic Interference (EMI): Electrical or electromagnetic energy that disrupts electrical signals.

Frequency: Number of times a periodic action occurs in one second. Measured in Hertz.

Impedance: The opposition to the flow of alternating or varying current. Measured in Ohms. Two common impedance values are 50 Ohms used primarily for data and 75 Ohms used to transmit video signals.

Insertion Loss: A measurement of attenuation determined by the system output before and after the connection of a cable and/or device.

Jack: The female connector usually containing a center socket.

Microwave Frequencies: Microwave frequencies range from Ultra-High Frequency (UHF) .3-3 GHz, Super High Frequency (SHF) 3-30 GHz to Extremely High Frequency (EHF) 30-300 GHz.

MIL-C-17: MIL-C-17 is a specification document that has been used since the 1940s to standardize the physical and electrical characteristics of coaxial cables. There is no longer any control of RG specifications so cables may perform differently than the cables that adhere to MIL-C-17.

Plug: The male connector usually containing a center pin.

RF (Radio Frequency): A frequency band from 3 MHz to 300 GHz. Primarily used for transmission of radio and television signals.

RG/U: A designation that originated with a US Government specification. No longer in effect. Currently used as a general reference. (R=Radio Frequency, G=Guide, U=Universal Specification). Letters that appear before the /U characters (i.e. A, B or C) means a specification modification or revision. For instance, it is common in the CB industry to see the designation RG-58A/U. The original RG-58/U coaxial cable had a solid center conductor. The "A" modification replaced the solid center conductor with a more flexible stranded center conductor (that is highly recommended for use in mobile installations). Other designators often seen are: A = Modification to the Solid Core Material Specification, B = Modification to the Outer Jacket Specification, C = Modification of the Dielectric Insulator Specification. These designators are not precise and specifications may vary from one vendor to another.

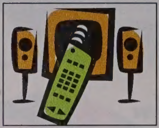
Shielding: Conductive envelope made of wires or metal foil that covers the dielectric and the center conductor.

Twinaxial: An offshoot of coaxial cabling. Two center conductors with one dielectric and braided shielding.

Velocity of Propagation (VP): Usually expressed as a percentage, VP is the transmission speed of electrical energy in a determined length of cable compared to the speed of light.

VSWR (Voltage Standing Wave Ratio): The ratio of the maximum effective voltage to the minimum effective voltage measured along a RF transmission line. This value generally increases with frequency and higher values are not desirable.

Common Applications for Coaxial Cable Assemblies



Entertainment Systems

Coaxial cable assemblies are used extensively to connect a wide variety of home and commercial entertainment products. Entertainment equipment such as monitors, TVs, camera's, recording equipment and broadcast equipment are interconnected using coaxial cables.

Common cable types:
75Ω - RG6 or RG59

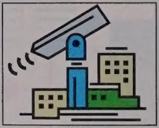
Common connectors:
BNC, F and RCA

GPS

Global Positioning Systems utilize coaxial cable for connections between receiving antennas and other related equipment.

Common cable types:
50Ω - RG58, RG174, RG188 or RG316

Common connectors:
TNC, N, MCX, MMCX and SMA

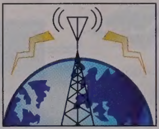


Video Systems

The transmission of a video signal from a video camera to a display monitor is typically through coaxial cable.

Common cable types:
75Ω - RG59, RG59A/U, RG59B/U or RG179

Common connectors:
BNC, F and RCA

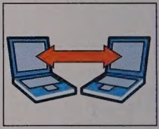


Telecom

The infrastructure of most telecommunication systems relies heavily on coaxial cabling. Cell towers, communications equipment and base station facilities are typical examples of coaxial cable interconnection applications.

Common cable types:
50Ω - RG58, RG223 and RG213

Common connectors:
BNC, TNC and Type N



WAN/LAN

Wide Area Networks and Local Area Networks often utilize coaxial cable for equipment interconnections. In addition, reverse polarized connectors are found on many wireless antenna connections.

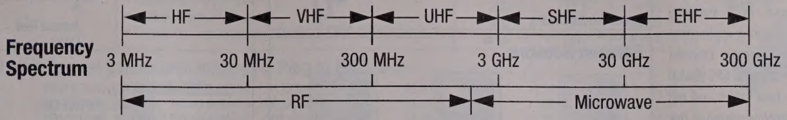
Common cable types:
50Ω - RG174, RG58

Common connectors: BNC

For more useful information go to....
L-com.com/Resources

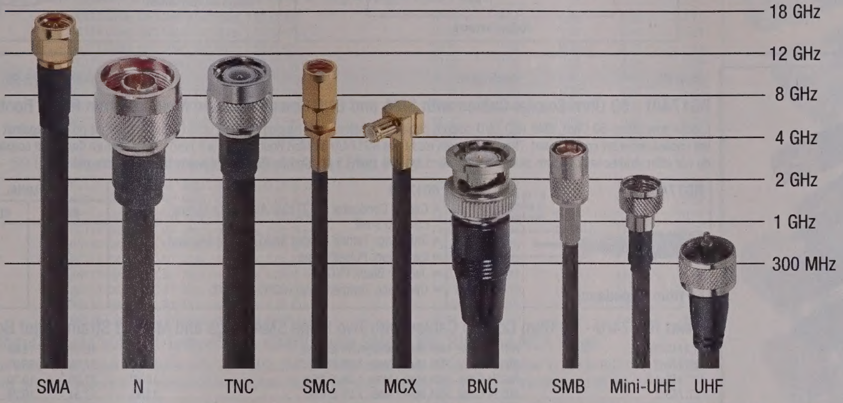
Frequency Band Data

Coaxial products listed in this catalog are generally intended for use in the RF frequency band as illustrated here.

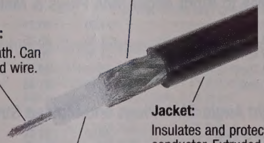


Connector Interface Frequency Chart

This chart illustrates the upper frequency limit of various interface types only. Actual frequency limits of cable assemblies are dependent on various other factors.



Typical Coaxial Cabling (Exploded View):



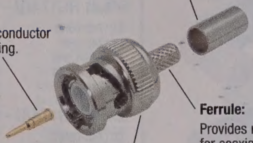
Shielding: One of the two conductors in coaxial cable. Braid or braid + foil is typical.

Center Conductor: The main signal path. Can be solid or stranded wire.

Jacket: Insulates and protects shielding and center conductor. Extruded PVC is typical.

Dielectric: Insulating material isolates shield from center conductor. This also gives the cable its impedance property.

Typical Coaxial Connector (BNC Exploded View):



Crimp Sleeve: Provides strain relief by securing braid to connector.

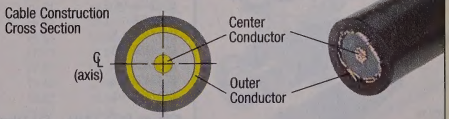
Center Pin: Terminates to center conductor via crimping or soldering.

Ferrule: Provides mating surface for coaxial shielding.

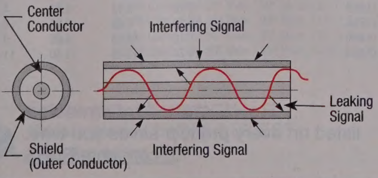
Connector (Plug) Body: Nickel plated brass is typical.

Understanding Coaxial Cable

Coaxial is a term derived from the construction of the cable, as illustrated here. In a coaxial cable an electrical impulse signal is transmitted along the cable length between the center conductor and the outer conductor. The center conductor and the outer conductor share the same center line or axis hence the term coaxial.



Shielding Effectiveness is the relative ability of a shield to screen out undesirable interference. In coaxial cable, the outer conductor provides a shield to keep interfering signals from getting in and to keep signals from leaking out to become undesirable interference for nearby devices. Shielding Effectiveness is measured in dB with higher values indicating better shielding properties. The table below illustrates the relative shielding properties of various shielding types.



Notice as the shielding density increases there is a correlated increase in the shielding effectiveness value. The best shielding effectiveness value can be found in a rigid coaxial cable due to the solid tube construction of the outer jacket. In this type of cable the limiting factor for shielding effectiveness is the quality of the connector attachment.

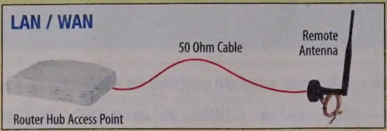
Shielding Type			
Single Braid Shield (95% coverage)	Single Braid Shield (60%) + Foil Wrap (100%)	(2) Braids (60%) + (2) Foil Wraps (100%)	Conformable Cable
Approximate Shielding Effectiveness Value			
-55dB	-90dB	-110dB	-150dB

Tip

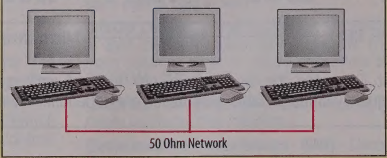
When is 50 Ohm coaxial cable used?

The primary use of a 50 Ohm coaxial cable is transmission of a data signal in a two-way communication system. Some common applications for 50 Ohm coaxial cable are computer Ethernet backbones, wireless antenna feed cables, GPS (Global Positioning Satellite) antenna feed cables and cell phone systems. The cable assemblies offered in this section cover the most common RG style cables and connector interfaces that are used in these applications.

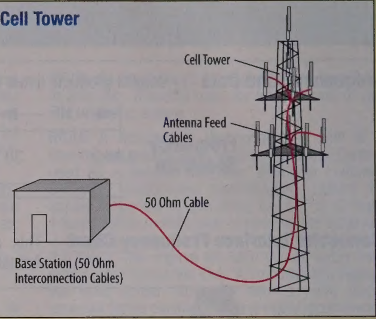
LAN / WAN

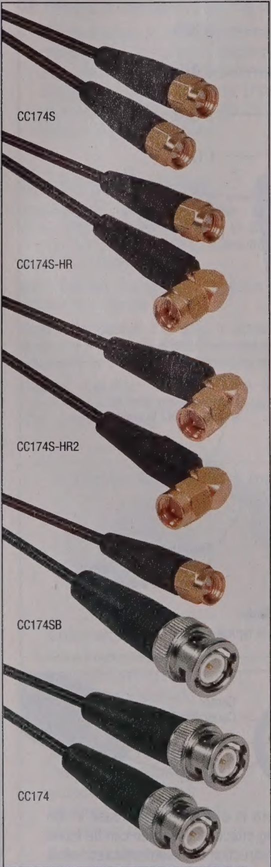


Ethernet Network



Cell Tower

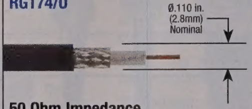




RG174/U - 50 Ohm Coaxial Cables with SMA and BNC Connectors and Molded Strain Relief Boots

L-com now offers 50 Ohm, SMA RG174/U coaxial cable assemblies with rugged molded strain relief boots that protect against severe cable bends at the cable/connector egress point. This new L-com exclusive RG174/U molded boot design is a hard to find feature that most coaxial cable manufacturers do not offer. Additionally, L-com stocks 10 standard lengths from .5 (0.15m) to 10ft (3.0m) ready for immediate delivery.

RG174/U



50 Ohm Impedance

RG174/U

- Center Conductor: 26 (7x34) AWG bare copper covered steel
- Shielding: Tinned copper braid (90% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.8	19.0
100	8.4	27.6
200	12.5	41.0
400	19.0	62.3
1000	34.0	111.5

✓RoHS RG174/U - 50 Ohm Coaxial Cables with Two Inline SMA Plugs and Molded Strain Relief Boots

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174S-05	RG174 Cable, SMA Male / Male, 0.5ft (0.15m)	18.00	16.92	15.84	14.76	13.68
CC174S-1	RG174 Cable, SMA Male / Male, 1.0ft (0.3m)	18.15	17.06	15.97	14.88	13.79
CC174S-1.5	RG174 Cable, SMA Male / Male, 1.5ft (0.45m)	18.30	17.20	16.10	15.01	13.91
CC174S-2	RG174 Cable, SMA Male / Male, 2.0ft (0.6m)	18.45	17.34	16.24	15.13	14.02
CC174S-2.5	RG174 Cable, SMA Male / Male, 2.5ft (0.75m)	18.60	17.48	16.37	15.25	14.14
CC174S-3	RG174 Cable, SMA Male / Male, 3.0ft (0.9m)	18.75	17.63	16.50	15.38	14.25
CC174S-4	RG174 Cable, SMA Male / Male, 4.0ft (1.2m)	19.05	17.91	16.76	15.62	14.48
CC174S-5	RG174 Cable, SMA Male / Male, 5.0ft (1.5m)	19.35	18.19	17.03	15.87	14.71
CC174S-7.5	RG174 Cable, SMA Male / Male, 7.5ft (2.3m)	20.10	18.89	17.69	16.48	15.28
CC174S-10	RG174 Cable, SMA Male / Male, 10.0ft (3.0m)	20.85	19.60	18.35	17.10	15.85

✓RoHS RG174/U - 50 Ohm Coaxial Cables with Inline SMA to Right Angle SMA Plugs & Molded Strain Relief Boots

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174S-05HR	RG174 Cable, SMA Male / 90° Male, 0.5ft (0.15m)	21.50	20.21	18.92	17.63	16.34
CC174S-1HR	RG174 Cable, SMA Male / 90° Male, 1.0ft (0.3m)	21.65	20.35	19.05	17.75	16.45
CC174S-1.5HR	RG174 Cable, SMA Male / 90° Male, 1.5ft (0.45m)	21.80	20.49	19.18	17.88	16.57
CC174S-2.5HR	RG174 Cable, SMA Male / 90° Male, 2.5ft (0.75m)	22.10	20.77	19.45	18.12	16.80
CC174S-5HR	RG174 Cable, SMA Male / 90° Male, 5.0ft (1.5m)	22.85	21.48	20.11	18.74	17.37

✓RoHS RG174/U - 50 Ohm Coaxial Cables with Two Right Angle SMA Plugs and Molded Strain Relief Boots

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174S-05HR2	RG174 Cable, SMA 90° Male / 90° Male, 0.5ft (0.15m)	26.00	24.44	22.88	21.32	19.76
CC174S-1HR2	RG174 Cable, SMA 90° Male / 90° Male, 1.0ft (0.3m)	26.15	24.58	23.01	21.44	19.87
CC174S-1.5HR2	RG174 Cable, SMA 90° Male / 90° Male, 1.5ft (0.45m)	26.30	24.72	23.14	21.57	19.99
CC174S-2.5HR2	RG174 Cable, SMA 90° Male / 90° Male, 2.5ft (0.75m)	26.60	25.00	23.41	21.81	20.22
CC174S-5HR2	RG174 Cable, SMA 90° Male / 90° Male, 5.0ft (1.5m)	27.35	25.71	24.07	22.43	20.79

✓RoHS RG174/U - 50 Ohm Coaxial Cables with Inline SMA to Inline BNC Plugs and Molded Strain Relief Boots

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174SB-05	RG174 Cable, SMA Male / BNC Male, 0.5ft (0.15m)	14.00	13.16	12.32	11.48	10.64
CC174SB-1	RG174 Cable, SMA Male / BNC Male, 1.0ft (0.3m)	14.15	13.30	12.45	11.60	10.75
CC174SB-1.5	RG174 Cable, SMA Male / BNC Male, 1.5ft (0.45m)	14.30	13.44	12.58	11.73	10.87
CC174SB-2.5	RG174 Cable, SMA Male / BNC Male, 2.5ft (0.75m)	14.60	13.72	12.85	11.97	11.10
CC174SB-5	RG174 Cable, SMA Male / BNC Male, 5.0ft (1.5m)	15.35	14.43	13.51	12.59	11.67
CC174SB-7.5	RG174 Cable, SMA Male / BNC Male, 7.5ft (2.3m)	16.10	15.13	14.17	13.20	12.24
CC174SB-10	RG174 Cable, SMA Male / BNC Male, 10.0ft (3.0m)	16.85	15.84	14.83	13.82	12.81

✓RoHS RG174/U - 50 Ohm Coaxial Cables with Two Inline BNC Plugs and Molded Strain Relief Boots

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174-1	RG174 Cable, BNC Male / Male, 1.0ft (0.3m)	7.00	6.58	6.16	5.74	5.32
CC174-1.5	RG174 Cable, BNC Male / Male, 1.5ft (0.45m)	7.15	6.72	6.29	5.86	5.43
CC174-2	RG174 Cable, BNC Male / Male, 2.0ft (0.6m)	7.30	6.86	6.42	5.99	5.55
CC174-2.5	RG174 Cable, BNC Male / Male, 2.5ft (0.75m)	7.45	7.00	6.56	6.11	5.66
CC174-3	RG174 Cable, BNC Male / Male, 3.0ft (0.9m)	7.60	7.14	6.69	6.23	5.78
CC174-4	RG174 Cable, BNC Male / Male, 4.0ft (1.2m)	7.90	7.43	6.95	6.48	6.00
CC174-5	RG174 Cable, BNC Male / Male, 5.0ft (1.5m)	8.20	7.71	7.22	6.72	6.23
CC174-7.5	RG174 Cable, BNC Male / Male, 7.5ft (2.3m)	8.95	8.41	7.88	7.34	6.80
CC174-10	RG174 Cable, BNC Male / Male, 10.0ft (3.0m)	9.70	9.12	8.54	7.95	7.37
CC174-12	RG174 Cable, BNC Male / Male, 12.0ft (3.7m)	10.30	9.68	9.06	8.45	7.83
CC174-15	RG174 Cable, BNC Male / Male, 15.0ft (4.6m)	11.20	10.53	9.86	9.18	8.51
CC174-25	RG174 Cable, BNC Male / Male, 25.0ft (7.6m)	14.20	13.35	12.50	11.64	10.79

Did you know...

50 Ohm coaxial cables are used primarily with RF antennas and in older Ethernet networks?

L-com® Global Connectivity

RoHS status information
listed on every product saves you time.
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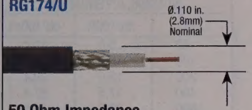
RG174/U



50 Ohm Impedance

RG174/U
- Center Conductor: 26 (7x34) AWG bare copper covered steel
- Shielding: Tinned copper braid (90% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.8	19.0
100	8.4	27.6
200	12.5	41.0
400	19.0	62.3
1000	34.0	111.5

☑RoHS RG174/U - 50 Ohm Coaxial Cables with Inline BNC Plug to BNC Jack

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174-MF-1	RG174 Cable, BNC Male / Female Bulkhead, 1.0ft (0.3m)	14.00	13.16	12.32	11.48	10.64
CC174-MF-3	RG174 Cable, BNC Male / Female Bulkhead, 3.0ft (0.9m)	14.60	13.72	12.85	11.97	11.10
CC174-MF-10	RG174 Cable, BNC Male / Female Bulkhead, 10.0ft (3.0m)	16.70	15.70	14.70	13.69	12.69
CC174-MF-15	RG174 Cable, BNC Male / Female Bulkhead, 15.0ft (4.6m)	18.20	17.11	16.02	14.92	13.83
CC174-MF-25	RG174 Cable, BNC Male / Female Bulkhead, 25.0ft (7.6m)	21.20	19.93	18.66	17.38	16.11

☑RoHS RG174/U - 50 Ohm Coaxial Cables with Inline BNC to Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174-1HR	RG174 Cable, BNC Male / 90° Male, 1.0ft (0.3m)	10.15	9.54	8.93	8.32	7.71
CC174-1.5HR	RG174 Cable, BNC Male / 90° Male, 1.5ft (0.45m)	10.30	9.68	9.06	8.45	7.83
CC174-2HR	RG174 Cable, BNC Male / 90° Male, 2.0ft (0.6m)	10.45	9.82	9.20	8.57	7.94
CC174-2.5HR	RG174 Cable, BNC Male / 90° Male, 2.5ft (0.75m)	10.60	9.96	9.33	8.69	8.06
CC174-3HR	RG174 Cable, BNC Male / 90° Male, 3.0ft (0.9m)	10.75	10.10	9.46	8.82	8.17
CC174-4HR	RG174 Cable, BNC Male / 90° Male, 4.0ft (1.2m)	11.05	10.39	9.72	9.06	8.40
CC174-5HR	RG174 Cable, BNC Male / 90° Male, 5.0ft (1.5m)	11.35	10.67	9.99	9.31	8.63
CC174-7.5HR	RG174 Cable, BNC Male / 90° Male, 7.5ft (2.3m)	12.10	11.37	10.65	9.92	9.20
CC174-10HR	RG174 Cable, BNC Male / 90° Male, 10.0ft (3.0m)	12.85	12.08	11.31	10.54	9.77

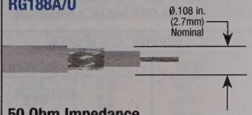
☑RoHS RG174/U - 50 Ohm Coaxial Cables with Two Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174-05HR2	RG174 Cable, BNC 90° Male / 90° Male, 0.5ft (0.15m)	13.00	12.22	11.44	10.66	9.88
CC174-1HR2	RG174 Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	13.15	12.36	11.57	10.78	9.99
CC174-1.5HR2	RG174 Cable, BNC 90° Male / 90° Male, 1.5ft (0.45m)	13.30	12.50	11.70	10.91	10.11
CC174-2HR2	RG174 Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	13.45	12.64	11.84	11.03	10.22
CC174-2.5HR2	RG174 Cable, BNC 90° Male / 90° Male, 2.5ft (0.75m)	13.60	12.78	11.97	11.15	10.34
CC174-3HR2	RG174 Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	13.75	12.92	12.10	11.28	10.45
CC174-4HR2	RG174 Cable, BNC 90° Male / 90° Male, 4.0ft (1.2m)	14.05	13.21	12.36	11.52	10.68
CC174-5HR2	RG174 Cable, BNC 90° Male / 90° Male, 5.0ft (1.5m)	14.35	13.49	12.63	11.77	10.91
CC174-7.5HR2	RG174 Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	15.10	14.19	13.29	12.38	11.48
CC174-10HR2	RG174 Cable, BNC 90° Male / 90° Male, 10.0ft (3.0m)	15.85	14.90	13.95	13.00	12.05

RG188A/U - 50 Ohm Coaxial Cables Hi-Temperature (200°C) with SMA, SMB, SMC and MCX Plugs

L-com carries a full line of RG188A/U cable assemblies with SMA, SMB, SMC and MCX connectors. RG188A/U is similar in size to RG174/U but utilizes a TFE insulator and outer jacket to achieve a high operating temperature. Right angle configurations are offered on the SMA and MCX connectors.

RG188A/U



50 Ohm Impedance

RG188A/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (96% coverage)
- Insulation: TFE Teflon
- Jacket: White TFE taped
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.6	18.4
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

☑RoHS RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS188A-1	RG188 Cable, SMA Male / Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CCS188A-1.5	RG188 Cable, SMA Male / Male, 1.5ft (0.45m)	15.50	14.88	14.26	13.64	13.02
CCS188A-2	RG188 Cable, SMA Male / Male, 2.0ft (0.6m)	16.00	15.36	14.72	14.08	13.44
CCS188A-2.5	RG188 Cable, SMA Male / Male, 2.5ft (0.75m)	16.50	15.84	15.18	14.52	13.86
CCS188A-3	RG188 Cable, SMA Male / Male, 3.0ft (0.9m)	17.00	16.32	15.64	14.96	14.28
CCS188A-4	RG188 Cable, SMA Male / Male, 4.0ft (1.2m)	18.00	17.28	16.56	15.84	15.12
CCS188A-5	RG188 Cable, SMA Male / Male, 5.0ft (1.5m)	19.00	18.24	17.48	16.72	15.96
CCS188A-7.5	RG188 Cable, SMA Male / Male, 7.5ft (2.3m)	21.50	20.64	19.78	18.92	18.06
CCS188A-10	RG188 Cable, SMA Male / Male, 10.0ft (3.0m)	24.00	23.04	22.08	21.12	20.16

☑RoHS RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Inline SMA to Right Angle SMA Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSHR188A-1	RG188 Cable, SMA Male / 90° Male, 1.0ft (0.3m)	17.00	16.32	15.64	14.96	14.28
CCSHR188A-1.5	RG188 Cable, SMA Male / 90° Male, 1.5ft (0.45m)	17.50	16.80	16.10	15.40	14.70
CCSHR188A-2	RG188 Cable, SMA Male / 90° Male, 2.0ft (0.6m)	18.00	17.28	16.56	15.84	15.12
CCSHR188A-2.5	RG188 Cable, SMA Male / 90° Male, 2.5ft (0.75m)	18.50	17.76	17.02	16.28	15.54
CCSHR188A-3	RG188 Cable, SMA Male / 90° Male, 3.0ft (0.9m)	19.00	18.24	17.48	16.72	15.96
CCSHR188A-4	RG188 Cable, SMA Male / 90° Male, 4.0ft (1.2m)	20.00	19.20	18.40	17.60	16.80
CCSHR188A-5	RG188 Cable, SMA Male / 90° Male, 5.0ft (1.5m)	21.00	20.16	19.32	18.48	17.64
CCSHR188A-7.5	RG188 Cable, SMA Male / 90° Male, 7.5ft (2.3m)	23.50	22.56	21.62	20.68	19.74
CCSHR188A-10	RG188 Cable, SMA Male / 90° Male, 10.0ft (3.0m)	26.00	24.96	23.92	22.88	21.84

☑RoHS RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Right Angle SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSR188A-1	RG188 Cable, SMA 90° Male / 90° Male, 1.0ft (0.3m)	20.00	19.20	18.40	17.60	16.80
CCSR188A-1.5	RG188 Cable, SMA 90° Male / 90° Male, 1.5ft (0.45m)	20.50	19.68	18.86	18.04	17.22
CCSR188A-2	RG188 Cable, SMA 90° Male / 90° Male, 2.0ft (0.6m)	21.00	20.16	19.32	18.48	17.64
CCSR188A-2.5	RG188 Cable, SMA 90° Male / 90° Male, 2.5ft (0.75m)	21.50	20.64	19.78	18.92	18.06
CCSR188A-3	RG188 Cable, SMA 90° Male / 90° Male, 3.0ft (0.9m)	22.00	21.12	20.24	19.36	18.48
CCSR188A-4	RG188 Cable, SMA 90° Male / 90° Male, 4.0ft (1.2m)	23.00	22.08	21.16	20.24	19.32
CCSR188A-5	RG188 Cable, SMA 90° Male / 90° Male, 5.0ft (1.5m)	24.00	23.04	22.08	21.12	20.16
CCSR188A-7.5	RG188 Cable, SMA 90° Male / 90° Male, 7.5ft (2.3m)	26.50	25.44	24.38	23.32	22.26
CCSR188A-10	RG188 Cable, SMA 90° Male / 90° Male, 10.0ft (3.0m)	29.00	27.84	26.68	25.52	24.36

CC174-MF

CC174-1HR

CC174-2HR2

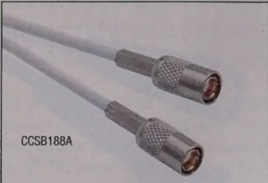
CCS188A

CCSHR188A

CCSR188A

Same day shipping
Orders placed before 4:00 EST
ship the same day.

L-com Global Connectivity



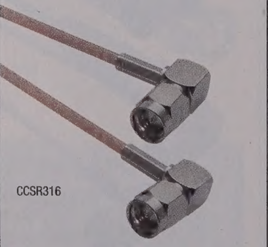
CCSB188A

CCSC188A

CCSM188A

CCS316

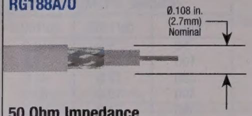
CCSHR316



CCSR316

Item #	Description	1-9	10-24	25-99	100-249	250-499

RG188A/U



50 Ohm Impedance

RG188A/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (96% coverage)
- Insulation: TFE Teflon
- Jacket: White TFE taped
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.6	18.4
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

✓RoHS RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMB Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSB188A-1	RG188 Cable, SMB Plug / Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSB188A-1.5	RG188 Cable, SMB Plug / Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSB188A-2	RG188 Cable, SMB Plug / Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSB188A-2.5	RG188 Cable, SMB Plug / Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSB188A-3	RG188 Cable, SMB Plug / Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSB188A-4	RG188 Cable, SMB Plug / Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSB188A-5	RG188 Cable, SMB Plug / Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSB188A-7.5	RG188 Cable, SMB Plug / Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSB188A-10	RG188 Cable, SMB Plug / Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSC188A-1	RG188 Cable, SMC Plug / Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSC188A-1.5	RG188 Cable, SMC Plug / Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSC188A-2	RG188 Cable, SMC Plug / Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSC188A-2.5	RG188 Cable, SMC Plug / Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSC188A-3	RG188 Cable, SMC Plug / Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSC188A-4	RG188 Cable, SMC Plug / Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSC188A-5	RG188 Cable, SMC Plug / Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSC188A-7.5	RG188 Cable, SMC Plug / Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSC188A-10	RG188 Cable, SMC Plug / Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

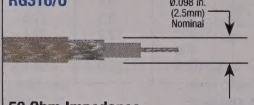
RG188A/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Right Angle MCX Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSM188A-1	RG188 Cable, MCX 90° Plug / 90° Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSM188A-1.5	RG188 Cable, MCX 90° Plug / 90° Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSM188A-2	RG188 Cable, MCX 90° Plug / 90° Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSM188A-2.5	RG188 Cable, MCX 90° Plug / 90° Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSM188A-3	RG188 Cable, MCX 90° Plug / 90° Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSM188A-4	RG188 Cable, MCX 90° Plug / 90° Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSM188A-5	RG188 Cable, MCX 90° Plug / 90° Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSM188A-7.5	RG188 Cable, MCX 90° Plug / 90° Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSM188A-10	RG188 Cable, MCX 90° Plug / 90° Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

RG316/U - 50 Ohm Coaxial Cables Hi-Temperature (200°C) with SMA, SMB, SMC and MCX Plugs

L-com carries a full line of RG316/U cable assemblies with SMA, SMB, SMC and MCX connectors. RG316/U is similar in size to RG174/U but utilizes a TFE insulator and FEP outer jacket to achieve a high operating temperature. Right angle configurations are offered on the SMA and MCX connectors.

RG316/U



50 Ohm Impedance

RG316/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE Teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.6	18.4
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

✓RoHS RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS316-08	RG316 Cable, SMA Male / Male, 0.67ft (0.2m)	14.65	14.06	13.48	12.89	12.31
CCS316-1	RG316 Cable, SMA Male / Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CCS316-1.5	RG316 Cable, SMA Male / Male, 1.5ft (0.45m)	15.50	14.88	14.26	13.64	13.02
CCS316-2	RG316 Cable, SMA Male / Male, 2.0ft (0.6m)	16.00	15.36	14.72	14.08	13.44
CCS316-2.5	RG316 Cable, SMA Male / Male, 2.5ft (0.75m)	16.50	15.84	15.18	14.52	13.86
CCS316-3	RG316 Cable, SMA Male / Male, 3.0ft (0.9m)	17.00	16.32	15.64	14.96	14.28
CCS316-4	RG316 Cable, SMA Male / Male, 4.0ft (1.2m)	18.00	17.28	16.56	15.84	15.12
CCS316-5	RG316 Cable, SMA Male / Male, 5.0ft (1.5m)	19.00	18.24	17.48	16.72	15.96
CCS316-7.5	RG316 Cable, SMA Male / Male, 7.5ft (2.3m)	21.50	20.64	19.78	18.92	18.06
CCS316-10	RG316 Cable, SMA Male / Male, 10.0ft (3.0m)	24.00	23.04	22.08	21.12	20.16

✓RoHS RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Inline SMA to Right Angle SMA Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSHR316-1	RG316 Cable, SMA Male / 90° Male, 1.0ft (0.3m)	17.00	16.32	15.64	14.96	14.28
CCSHR316-1.5	RG316 Cable, SMA Male / 90° Male, 1.5ft (0.45m)	17.50	16.80	16.10	15.40	14.70
CCSHR316-2	RG316 Cable, SMA Male / 90° Male, 2.0ft (0.6m)	18.00	17.28	16.56	15.84	15.12
CCSHR316-2.5	RG316 Cable, SMA Male / 90° Male, 2.5ft (0.75m)	18.50	17.76	17.02	16.28	15.54
CCSHR316-3	RG316 Cable, SMA Male / 90° Male, 3.0ft (0.9m)	19.00	18.24	17.48	16.72	15.96
CCSHR316-4	RG316 Cable, SMA Male / 90° Male, 4.0ft (1.2m)	20.00	19.20	18.40	17.60	16.80
CCSHR316-5	RG316 Cable, SMA Male / 90° Male, 5.0ft (1.5m)	21.00	20.16	19.32	18.48	17.64
CCSHR316-7.5	RG316 Cable, SMA Male / 90° Male, 7.5ft (2.3m)	23.50	22.56	21.62	20.68	19.74
CCSHR316-10	RG316 Cable, SMA Male / 90° Male, 10.0ft (3.0m)	26.00	24.96	23.92	22.88	21.84

✓RoHS RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Right Angle SMA Plugs

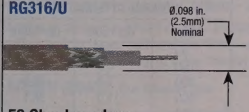
Item #	Description	1-9	10-24	25-99	100-249	250-499
CCSR316-1	RG316 Cable, SMA 90° Male / 90° Male, 1.0ft (0.3m)	20.00	19.20	18.40	17.60	16.80
CCSR316-1.5	RG316 Cable, SMA 90° Male / 90° Male, 1.5ft (0.45m)	20.50	19.68	18.86	18.04	17.22
CCSR316-2	RG316 Cable, SMA 90° Male / 90° Male, 2.0ft (0.6m)	21.00	20.16	19.32	18.48	17.64
CCSR316-2.5	RG316 Cable, SMA 90° Male / 90° Male, 2.5ft (0.75m)	21.50	20.64	19.78	18.92	18.06
CCSR316-3	RG316 Cable, SMA 90° Male / 90° Male, 3.0ft (0.9m)	22.00	21.12	20.24	19.36	18.48
CCSR316-4	RG316 Cable, SMA 90° Male / 90° Male, 4.0ft (1.2m)	23.00	22.08	21.16	20.24	19.32
CCSR316-5	RG316 Cable, SMA 90° Male / 90° Male, 5.0ft (1.5m)	24.00	23.04	22.08	21.12	20.16
CCSR316-7.5	RG316 Cable, SMA 90° Male / 90° Male, 7.5ft (2.3m)	26.50	25.44	24.38	23.32	22.26
CCSR316-10	RG316 Cable, SMA 90° Male / 90° Male, 10.0ft (3.0m)	29.00	27.84	26.68	25.52	24.36

L-com® Global Connectivity

Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

Item #	Description	1-9	10-24	25-99	100-249	250-499

RG316/U



50 Ohm Impedance

RG316/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE Teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.6	18.4
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

✓RoHS RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMB Plugs

CCSB316-1	RG316 Cable, SMB Plug / Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSB316-1.5	RG316 Cable, SMB Plug / Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSB316-2	RG316 Cable, SMB Plug / Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSB316-2.5	RG316 Cable, SMB Plug / Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSB316-3	RG316 Cable, SMB Plug / Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSB316-4	RG316 Cable, SMB Plug / Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSB316-5	RG316 Cable, SMB Plug / Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSB316-7.5	RG316 Cable, SMB Plug / Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSB316-10	RG316 Cable, SMB Plug / Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Inline SMC Plugs

CCSC316-1	RG316 Cable, SMC Plug / Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSC316-1.5	RG316 Cable, SMC Plug / Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSC316-2	RG316 Cable, SMC Plug / Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSC316-2.5	RG316 Cable, SMC Plug / Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSC316-3	RG316 Cable, SMC Plug / Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSC316-4	RG316 Cable, SMC Plug / Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSC316-5	RG316 Cable, SMC Plug / Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSC316-7.5	RG316 Cable, SMC Plug / Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSC316-10	RG316 Cable, SMC Plug / Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

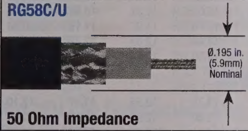
RG316/U - 50 Ohm Hi-Temperature Coaxial Cables with Two Right Angle MCX Plugs

CCSM316-1	RG316 Cable, MCX 90° Plug / 90° Plug, 1.0ft (0.3m)	26.50	25.44	24.38	23.32	22.26
CCSM316-1.5	RG316 Cable, MCX 90° Plug / 90° Plug, 1.5ft (0.45m)	27.00	25.92	24.84	23.76	22.68
CCSM316-2	RG316 Cable, MCX 90° Plug / 90° Plug, 2.0ft (0.6m)	27.50	26.40	25.30	24.20	23.10
CCSM316-2.5	RG316 Cable, MCX 90° Plug / 90° Plug, 2.5ft (0.75m)	28.00	26.88	25.76	24.64	23.52
CCSM316-3	RG316 Cable, MCX 90° Plug / 90° Plug, 3.0ft (0.9m)	28.50	27.36	26.22	25.08	23.94
CCSM316-4	RG316 Cable, MCX 90° Plug / 90° Plug, 4.0ft (1.2m)	29.50	28.32	27.14	25.96	24.78
CCSM316-5	RG316 Cable, MCX 90° Plug / 90° Plug, 5.0ft (1.5m)	30.50	29.28	28.06	26.84	25.62
CCSM316-7.5	RG316 Cable, MCX 90° Plug / 90° Plug, 7.5ft (2.3m)	33.00	31.68	30.36	29.04	27.72
CCSM316-10	RG316 Cable, MCX 90° Plug / 90° Plug, 10.0ft (3.0m)	35.50	34.08	32.66	31.24	29.82

RG58C/U - 50 Ohm Coaxial Cables with BNC, SMA and TNC Connectors

L-com offers a wide variety of RG58C/U cable assemblies utilizing BNC, SMA and TNC connectors as shown here and on the next page. RG58C/U cable is one of the most commonly used 50 Ohm cables. In addition to inline configurations L-com offers right angle and female bulkheads. All BNC connectors feature a molded strain relief while the SMA connectors utilize shrink tubing for strain relief.

RG58C/U



50 Ohm Impedance

RG58C/U
- Center Conductor: 20 (19 x 33) AWG tinned copper
- Shielding: Tinned copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +85°C

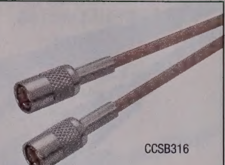
NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	3.3	10.8
100	4.9	16.1
200	7.3	23.9
400	11.0	36.1
1000	20.0	65.6

✓RoHS RG58C/U - 50 Ohm Coaxial Cables with Two Inline BNC Plugs

CC58C-05	RG58C Cable, BNC Male / Male, 0.5ft (0.15m)	7.15	6.72	6.29	5.86	5.43
CC58C-1	RG58C Cable, BNC Male / Male, 1.0ft (0.3m)	7.30	6.86	6.42	5.99	5.55
CC58C-1.5	RG58C Cable, BNC Male / Male, 1.5ft (0.45m)	7.45	7.00	6.56	6.11	5.66
CC58C-2	RG58C Cable, BNC Male / Male, 2.0ft (0.6m)	7.60	7.14	6.69	6.23	5.78
CC58C-2.5	RG58C Cable, BNC Male / Male, 2.5ft (0.75m)	7.75	7.28	6.82	6.36	5.89
CC58C-3	RG58C Cable, BNC Male / Male, 3.0ft (0.9m)	7.90	7.43	6.95	6.48	6.00
CC58C-4	RG58C Cable, BNC Male / Male, 4.0ft (1.2m)	8.20	7.71	7.22	6.72	6.23
CC58C-5	RG58C Cable, BNC Male / Male, 5.0ft (1.5m)	8.50	7.99	7.48	6.97	6.46
CC58C-6	RG58C Cable, BNC Male / Male, 6.0ft (1.8m)	8.80	8.27	7.74	7.22	6.69
CC58C-7.5	RG58C Cable, BNC Male / Male, 7.5ft (2.3m)	9.25	8.70	8.14	7.59	7.03
CC58C-10	RG58C Cable, BNC Male / Male, 10.0ft (3.0m)	10.00	9.40	8.80	8.20	7.60
CC58C-12	RG58C Cable, BNC Male / Male, 12.0ft (3.7m)	10.60	9.96	9.33	8.69	8.06
CC58C-15	RG58C Cable, BNC Male / Male, 15.0ft (4.6m)	11.50	10.81	10.12	9.43	8.74
CC58C-25	RG58C Cable, BNC Male / Male, 25.0ft (7.6m)	14.50	13.63	12.76	11.89	11.02
CC58C-50	RG58C Cable, BNC Male / Male, 50.0ft (15.2m)	22.00	20.68	19.36	18.04	16.72
CC58C-75	RG58C Cable, BNC Male / Male, 75.0ft (22.9m)	29.50	27.73	25.96	24.19	22.42
CC58C-100	RG58C Cable, BNC Male / Male, 100.0ft (30.5m)	37.00	34.78	32.56	30.34	28.12
CC58C-150	RG58C Cable, BNC Male / Male, 150.0ft (45.7m)	52.00	48.88	45.76	42.64	39.52
CC58C-200	RG58C Cable, BNC Male / Male, 200.0ft (60.1m)	67.00	62.98	58.96	54.94	50.92

✓RoHS RG58C/U - 50 Ohm Coaxial Cables with Inline BNC Plug to BNC Jack

CC58C-MF-1	RG58C Cable, BNC Male / Female Bulkhead, 1.0ft (0.3m)	13.90	13.07	12.23	11.40	10.56
CC58C-MF-3	RG58C Cable, BNC Male / Female Bulkhead, 3.0ft (0.9m)	14.50	13.63	12.76	11.89	11.02
CC58C-MF-6	RG58C Cable, BNC Male / Female Bulkhead, 6.0ft (1.8m)	15.40	14.48	13.55	12.63	11.70
CC58C-MF-10	RG58C Cable, BNC Male / Female Bulkhead, 10.0ft (3.0m)	16.60	15.60	14.61	13.61	12.62
CC58C-MF-15	RG58C Cable, BNC Male / Female Bulkhead, 15.0ft (4.6m)	18.10	17.01	15.93	14.84	13.76
CC58C-MF-25	RG58C Cable, BNC Male / Female Bulkhead, 25.0ft (7.6m)	21.10	19.83	18.57	17.30	16.04
CC58C-MF-50	RG58C Cable, BNC Male / Female Bulkhead, 50.0ft (15.2m)	28.60	26.88	25.17	23.45	21.74


CCSB316

CCSC316

CCSM316

Did you know...

The difference between 50 and 75 Ohm BNC connectors is the absence of dielectric material at the interface of the 75 Ohm version?

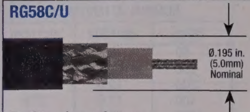
CC58C

CC58C-MF

Informative e-mail newsletters
Our newsletters are packed with tips, tutorials, product info and downloads! L-com.com/Newsletter

L-com Global Connectivity

RG58C/U



50 Ohm Impedance

RG58C/U
- Center Conductor: 20 (19 x 33) AWG tinned copper
- Shielding: Tinned copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	3.3	10.8
100	4.9	16.1
200	7.3	23.9
400	11.0	36.1
1000	20.0	65.6

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Inline BNC to Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC58C-1HR	RG58C Cable, BNC Male / 90° Male, 1.0ft (0.3m)	10.45	9.82	9.20	8.57	7.94
CC58C-1.5HR	RG58C Cable, BNC Male / 90° Male, 1.5ft (0.45m)	10.60	9.96	9.33	8.69	8.06
CC58C-2HR	RG58C Cable, BNC Male / 90° Male, 2.0ft (0.6m)	10.75	10.10	9.46	8.82	8.17
CC58C-2.5HR	RG58C Cable, BNC Male / 90° Male, 2.5ft (0.75m)	10.90	10.25	9.59	8.94	8.28
CC58C-3HR	RG58C Cable, BNC Male / 90° Male, 3.0ft (0.9m)	11.05	10.39	9.72	9.06	8.40
CC58C-4HR	RG58C Cable, BNC Male / 90° Male, 4.0ft (1.2m)	11.35	10.67	9.99	9.31	8.63
CC58C-5HR	RG58C Cable, BNC Male / 90° Male, 5.0ft (1.5m)	11.65	10.95	10.25	9.55	8.85
CC58C-7.5HR	RG58C Cable, BNC Male / 90° Male, 7.5ft (2.3m)	12.40	11.66	10.91	10.17	9.42
CC58C-10HR	RG58C Cable, BNC Male / 90° Male, 10.0ft (3.0m)	13.15	12.36	11.57	10.78	9.99

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Two Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC58C-1HR2	RG58C Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	12.50	11.75	11.00	10.25	9.50
CC58C-1.5HR2	RG58C Cable, BNC 90° Male / 90° Male, 1.5ft (0.45m)	12.65	11.89	11.13	10.37	9.61
CC58C-2HR2	RG58C Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	12.80	12.03	11.26	10.50	9.73
CC58C-2.5HR2	RG58C Cable, BNC 90° Male / 90° Male, 2.5ft (0.75m)	12.95	12.17	11.40	10.62	9.84
CC58C-3HR2	RG58C Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	13.10	12.31	11.53	10.74	9.96
CC58C-4HR2	RG58C Cable, BNC 90° Male / 90° Male, 4.0ft (1.2m)	13.40	12.60	11.79	10.99	10.18
CC58C-5HR2	RG58C Cable, BNC 90° Male / 90° Male, 5.0ft (1.5m)	13.70	12.88	12.06	11.23	10.41
CC58C-7.5HR2	RG58C Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	14.45	13.58	12.72	11.85	10.98
CC58C-10HR2	RG58C Cable, BNC 90° Male / 90° Male, 10.0ft (3.0m)	15.20	14.29	13.38	12.46	11.55
CC58C-15HR2	RG58C Cable, BNC 90° Male / 90° Male, 15.0ft (4.6m)	16.70	15.70	14.70	13.69	12.69
CC58C-20HR2	RG58C Cable, BNC 90° Male / 90° Male, 20.0ft (6.1m)	18.20	17.11	16.02	14.92	13.83

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Two Inline SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS58A-05	RG58C Cable, SMA Male / Male, 0.5ft (0.15m)	14.55	13.68	12.80	11.93	11.06
CCS58A-1	RG58C Cable, SMA Male / Male, 1.0ft (0.3m)	14.70	13.82	12.94	12.05	11.17
CCS58A-1.5	RG58C Cable, SMA Male / Male, 1.5ft (0.45m)	14.85	13.96	13.07	12.18	11.29
CCS58A-2	RG58C Cable, SMA Male / Male, 2.0ft (0.6m)	15.00	14.10	13.20	12.30	11.40
CCS58A-2.5	RG58C Cable, SMA Male / Male, 2.5ft (0.75m)	15.15	14.24	13.33	12.42	11.51
CCS58A-3	RG58C Cable, SMA Male / Male, 3.0ft (0.9m)	15.30	14.38	13.46	12.55	11.63
CCS58A-4	RG58C Cable, SMA Male / Male, 4.0ft (1.2m)	16.00	15.04	14.08	13.12	12.16
CCS58A-5	RG58C Cable, SMA Male / Male, 5.0ft (1.5m)	16.30	15.32	14.34	13.37	12.39
CCS58A-7.5	RG58C Cable, SMA Male / Male, 7.5ft (2.3m)	16.67	15.67	14.67	13.67	12.67
CCS58A-10	RG58C Cable, SMA Male / Male, 10.0ft (3.0m)	17.80	16.73	15.66	14.60	13.53

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Inline SMA to Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS58AB-05	RG58C Cable, SMA Male / BNC Male, 0.5ft (0.15m)	12.25	11.51	10.78	10.04	9.31
CCS58AB-1	RG58C Cable, SMA Male / BNC Male, 1.0ft (0.3m)	12.40	11.66	10.91	10.17	9.42
CCS58AB-1.5	RG58C Cable, SMA Male / BNC Male, 1.5ft (0.45m)	12.55	11.80	11.04	10.29	9.54
CCS58AB-2.5	RG58C Cable, SMA Male / BNC Male, 2.5ft (0.75m)	12.85	12.08	11.31	10.54	9.77
CCS58AB-5	RG58C Cable, SMA Male / BNC Male, 5.0ft (1.5m)	13.60	12.78	11.97	11.15	10.34
CCS58AB-7.5	RG58C Cable, SMA Male / BNC Male, 7.5ft (2.3m)	14.35	13.49	12.63	11.77	10.91
CCS58AB-10	RG58C Cable, SMA Male / BNC Male, 10.0ft (3.0m)	15.10	14.19	13.29	12.38	11.48

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Inline SMA to Right Angle SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS58A-05HR	RG58C Cable, SMA Male / 90° Male, 0.5ft (0.15m)	14.60	13.72	12.85	11.97	11.10
CCS58A-1HR	RG58C Cable, SMA Male / 90° Male, 1.0ft (0.3m)	14.75	13.86	12.98	12.10	11.21
CCS58A-1.5HR	RG58C Cable, SMA Male / 90° Male, 1.5ft (0.45m)	14.90	14.01	13.11	12.22	11.32
CCS58A-2HR	RG58C Cable, SMA Male / 90° Male, 2.0ft (0.6m)	15.05	14.15	13.24	12.34	11.44
CCS58A-2.5HR	RG58C Cable, SMA Male / 90° Male, 2.5ft (0.75m)	15.20	14.29	13.38	12.46	11.55
CCS58A-3HR	RG58C Cable, SMA Male / 90° Male, 3.0ft (0.9m)	15.35	14.43	13.51	12.59	11.67
CCS58A-4HR	RG58C Cable, SMA Male / 90° Male, 4.0ft (1.2m)	15.65	14.71	13.77	12.83	11.89
CCS58A-5HR	RG58C Cable, SMA Male / 90° Male, 5.0ft (1.5m)	15.95	14.99	14.04	13.08	12.12
CCS58A-7.5HR	RG58C Cable, SMA Male / 90° Male, 7.5ft (2.3m)	16.70	15.70	14.70	13.69	12.69
CCS58A-10HR	RG58C Cable, SMA Male / 90° Male, 10.0ft (3.0m)	17.45	16.40	15.36	14.31	13.26

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Two Right Angle SMA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS58A-05HR2	RG58C Cable, SMA 90° Male / 90° Male, 0.5ft (0.15m)	17.70	16.64	15.58	14.51	13.45
CCS58A-1HR2	RG58C Cable, SMA 90° Male / 90° Male, 1.0ft (0.3m)	17.85	16.78	15.71	14.64	13.57
CCS58A-1.5HR2	RG58C Cable, SMA 90° Male / 90° Male, 1.5ft (0.45m)	18.00	16.92	15.84	14.76	13.68
CCS58A-2.5HR2	RG58C Cable, SMA 90° Male / 90° Male, 2.5ft (0.75m)	18.15	17.06	15.97	14.88	13.79
CCS58A-5HR2	RG58C Cable, SMA 90° Male / 90° Male, 5.0ft (1.5m)	19.05	17.91	16.76	15.62	14.48
CCS58A-10HR2	RG58C Cable, SMA 90° Male / 90° Male, 10.0ft (3.0m)	20.55	19.32	18.08	16.85	15.62

☑RoHS RG58C/U - 50 Ohm Extension Cables with Inline SMA Plug to SMA Jack

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCS58AX-1	RG58C Cable, SMA Male / Female, 1.0ft (0.3m)	16.55	15.56	14.56	13.57	12.58
CCS58AX-2.5	RG58C Cable, SMA Male / Female, 2.5ft (0.75m)	17.00	15.98	14.96	13.94	12.92
CCS58AX-5	RG58C Cable, SMA Male / Female, 5.0ft (1.5m)	17.75	16.68	15.62	14.56	13.49

☑RoHS RG58C/U - 50 Ohm Coaxial Cables with Two Inline TNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC58T-1	RG58C Cable, TNC Male / Male, 1.0ft (0.3m)	9.60	9.02	8.45	7.87	7.30
CC58T-3	RG58C Cable, TNC Male / Male, 3.0ft (0.9m)	10.20	9.59	8.98	8.36	7.75
CC58T-6	RG58C Cable, TNC Male / Male, 6.0ft (1.8m)	11.10	10.43	9.77	9.10	8.44
CC58T-10	RG58C Cable, TNC Male / Male, 10.0ft (3.0m)	12.30	11.56	10.82	10.09	9.35
CC58T-15	RG58C Cable, TNC Male / Male, 15.0ft (4.6m)	13.80	12.97	12.14	11.32	10.49
CC58T-25	RG58C Cable, TNC Male / Male, 25.0ft (7.6m)	16.80	15.79	14.78	13.78	12.77
CC58T-50	RG58C Cable, TNC Male / Male, 50.0ft (15.2m)	24.30	22.84	21.38	19.93	18.47

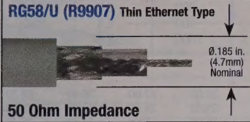
L-com Global Connectivity

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

RG58/U ThinNet Coaxial Cables - Fully Insulated BNC Plugs

ThinNet Coaxial, Thin Wire Ethernet, 10BASE-2 or CheaperNet are all names for the RG58 type of coaxial transmission media. The difference in performance between thick and thin Ethernet relate only to distance. So if you have 30 or fewer users on your segment and your length requirement does not exceed 185m (607ft) make ThinNet the cable of your choice. Offered with fully insulated inline and 90° BNC connectors.

RG58/U (R9907) Thin Ethernet Type



50 Ohm Impedance

RG58/U (R9907)
- Center Conductor: 20 (19 x 32) AWG tinned copper
- Shielding: Tinned copper braid + foil (100% coverage)
- Insulation: Foam polyethylene
- Jacket: Beige PVC
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.9	9.5
100	4.2	13.8
200	6.1	20.0
400	8.9	29.2
1000	14.8	48.5

☑RoHS RG58/U Thin Ethernet Coaxial Cables - Two Inline Fully Insulated BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCTN58-1B	RG58 ThinNet Cable, BNC Male / Male, 1.0ft (0.3m)	8.50	7.82	7.14	6.46	5.78
CCTN58-2B	RG58 ThinNet Cable, BNC Male / Male, 2.0ft (0.6m)	9.00	8.28	7.56	6.84	6.12
CCTN58-2.5B	RG58 ThinNet Cable, BNC Male / Male, 2.5ft (0.75m)	9.25	8.51	7.77	7.03	6.29
CCTN58-3B	RG58 ThinNet Cable, BNC Male / Male, 3.0ft (0.9m)	9.50	8.74	7.98	7.22	6.46
CCTN58-5B	RG58 ThinNet Cable, BNC Male / Male, 5.0ft (1.5m)	10.50	9.66	8.82	7.98	7.14
CCTN58-6B	RG58 ThinNet Cable, BNC Male / Male, 6.0ft (1.8m)	11.00	10.12	9.24	8.36	7.48
CCTN58-7.5B	RG58 ThinNet Cable, BNC Male / Male, 7.5ft (2.3m)	11.75	10.81	9.87	8.93	7.99
CCTN58-10B	RG58 ThinNet Cable, BNC Male / Male, 10.0ft (3.0m)	13.00	11.96	10.92	9.88	8.84
CCTN58-15B	RG58 ThinNet Cable, BNC Male / Male, 15.0ft (4.6m)	15.50	14.26	13.02	11.78	10.54
CCTN58-25B	RG58 ThinNet Cable, BNC Male / Male, 25.0ft (7.6m)	18.85	17.34	15.83	14.33	12.82
CCTN58-50B	RG58 ThinNet Cable, BNC Male / Male, 50.0ft (15.2m)	31.35	28.84	26.33	23.83	21.32
CCTN58-100B	RG58 ThinNet Cable, BNC Male / Male, 100.0ft (30.5m)	56.35	51.84	47.33	42.83	38.32

☑RoHS RG58/U Thin Ethernet Coaxial Cables - One or Two Right Angle Fully Insulated BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCTN58-5HRB	RG58 ThinNet Cable, BNC Male / 90° Male, 5.0ft (1.5m)	16.35	15.04	13.73	12.43	11.12
CCTN58-10HRB	RG58 ThinNet Cable, BNC Male / 90° Male, 10.0ft (3.0m)	18.85	17.34	15.83	14.33	12.82
CCTN58-15HRB	RG58 ThinNet Cable, BNC Male / 90° Male, 15.0ft (4.6m)	21.35	19.64	17.93	16.23	14.52
CCTN58-25HRB	RG58 ThinNet Cable, BNC Male / 90° Male, 25.0ft (7.6m)	26.35	24.24	22.13	20.03	17.92
CCTN58-5HR2B	RG58 ThinNet Cable, BNC 90° Male / 90° Male, 5.0ft (1.5m)	23.75	21.85	19.95	18.05	16.15
CCTN58-10HR2B	RG58 ThinNet Cable, BNC 90° Male / 90° Male, 10.0ft (3.0m)	26.25	24.15	22.05	19.95	17.85
CCTN58-15HR2B	RG58 ThinNet Cable, BNC 90° Male / 90° Male, 15.0ft (4.6m)	28.75	26.45	24.15	21.85	19.55
CCTN58-25HR2B	RG58 ThinNet Cable, BNC 90° Male / 90° Male, 25.0ft (7.6m)	33.75	31.05	28.35	25.65	22.95

☑RoHS RG58/U 50 Ohm Thin Ethernet Plenum - With Two Inline BNC Plugs

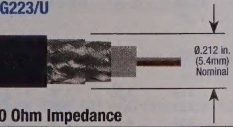
Plenum grade RG58/U is available for high temperature and other environments where PVC is not acceptable. Assemblies have FEP Teflon dielectric and flame retardant jacket. The center conductor is a 20 AWG solid conductor giving these assemblies limited flexibility. All cables terminated with Teflon grade BNC connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCTN58P-1B	RG58 ThinNet Plenum Cable, BNC Male / Male, 1.0ft (0.3m)	16.00	15.36	14.72	14.08	13.44
CCTN58P-2B	RG58 ThinNet Plenum Cable, BNC Male / Male, 2.0ft (0.6m)	17.00	16.32	15.64	14.96	14.28
CCTN58P-2.5B	RG58 ThinNet Plenum Cable, BNC Male / Male, 2.5ft (0.75m)	18.00	17.28	16.56	15.84	15.12
CCTN58P-3B	RG58 ThinNet Plenum Cable, BNC Male / Male, 3.0ft (0.9m)	19.00	18.24	17.48	16.72	15.96
CCTN58P-5B	RG58 ThinNet Plenum Cable, BNC Male / Male, 5.0ft (1.5m)	23.00	22.08	21.16	20.24	19.32
CCTN58P-6B	RG58 ThinNet Plenum Cable, BNC Male / Male, 6.0ft (1.8m)	24.00	23.04	22.08	21.12	20.16
CCTN58P-7.5B	RG58 ThinNet Plenum Cable, BNC Male / Male, 7.5ft (2.3m)	27.00	25.92	24.84	23.76	22.68
CCTN58P-10B	RG58 ThinNet Plenum Cable, BNC Male / Male, 10.0ft (3.0m)	31.00	29.76	28.52	27.28	26.04
CCTN58P-15B	RG58 ThinNet Plenum Cable, BNC Male / Male, 15.0ft (4.6m)	36.00	34.56	33.12	31.68	30.24
CCTN58P-25B	RG58 ThinNet Plenum Cable, BNC Male / Male, 25.0ft (7.6m)	46.00	44.16	42.32	40.48	38.64
CCTN58P-50B	RG58 ThinNet Plenum Cable, BNC Male / Male, 50.0ft (15.2m)	87.00	83.52	80.04	76.56	73.08
CCTN58P-100B	RG58 ThinNet Plenum Cable, BNC Male / Male, 100.0ft (30.5m)	156.00	149.76	143.52	137.28	131.04

RG223/U - 50 Ohm Coaxial Cable, Double Shielded with Solid Conductor and PVC Jacket

This series features popular double shielded RG223/U cable with the commonly used BNC, TNC and Type N connector interfaces. All connectors utilize shrink tubing for strain relief. Offered in 8 standard lengths, custom lengths and connector combinations also available with modest minimums.

RG223/U



50 Ohm Impedance

RG223/U
- Center Conductor: 19 AWG solid silver coated copper
- Shielding: (2) Silver coated copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.8	9.2
100	4.1	13.5
200	6.0	23.9
400	8.8	28.9
1000	14.5	47.6

☑RoHS RG223/U - 50 Ohm Coaxial Cable with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC223B-1	RG223 Cable, BNC Male / Male, 1.0ft (0.3m)	19.50	18.72	17.94	17.16	16.38
CC223B-1.5	RG223 Cable, BNC Male / Male, 1.5ft (0.45m)	20.25	19.44	18.63	17.82	17.01
CC223B-2	RG223 Cable, BNC Male / Male, 2.0ft (0.6m)	21.00	20.16	19.32	18.48	17.64
CC223B-2.5	RG223 Cable, BNC Male / Male, 2.5ft (0.75m)	21.75	20.88	20.01	19.14	18.27
CC223B-5	RG223 Cable, BNC Male / Male, 5.0ft (1.5m)	25.50	24.48	23.46	22.44	21.42
CC223B-7.5	RG223 Cable, BNC Male / Male, 7.5ft (2.3m)	29.25	28.08	26.91	25.74	24.57
CC223B-10	RG223 Cable, BNC Male / Male, 10.0ft (3.0m)	33.00	31.68	30.36	29.04	27.72
CC223B-15	RG223 Cable, BNC Male / Male, 15.0ft (4.6m)	40.50	38.88	37.26	35.64	34.02

☑RoHS RG223/U - 50 Ohm Coaxial Cable with Two Inline TNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC223T-1	RG223 Cable, TNC Male / Male, 1.0ft (0.3m)	19.50	18.72	17.94	17.16	16.38
CC223T-1.5	RG223 Cable, TNC Male / Male, 1.5ft (0.45m)	20.25	19.44	18.63	17.82	17.01
CC223T-2	RG223 Cable, TNC Male / Male, 2.0ft (0.6m)	21.00	20.16	19.32	18.48	17.64
CC223T-2.5	RG223 Cable, TNC Male / Male, 2.5ft (0.75m)	21.75	20.88	20.01	19.14	18.27
CC223T-5	RG223 Cable, TNC Male / Male, 5.0ft (1.5m)	25.50	24.48	23.46	22.44	21.42
CC223T-7.5	RG223 Cable, TNC Male / Male, 7.5ft (2.3m)	29.25	28.08	26.91	25.74	24.57
CC223T-10	RG223 Cable, TNC Male / Male, 10.0ft (3.0m)	33.00	31.68	30.36	29.04	27.72
CC223T-15	RG223 Cable, TNC Male / Male, 15.0ft (4.6m)	40.50	38.88	37.26	35.64	34.02

50 Ohm ETHERNET

- Double Shielded
- Fully Insulated BNC (minimize ground loops)
- Best Length Variety
- Premium Grade or Networks

CCTN58-B

CCTN58-HR2B

Plenum Grade

- Thin Ethernet
- Double Shielded
- 50 Ohm Impedance
- FEP Teflon Insulation
- BNC Connectors

CCTN58P-B

CC223B

CC223T

To see our entire product offering
go to...L-com.com

L-com Global Connectivity

CC223N

CC58RP

CC174RP

BAC500

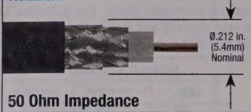
BAC501

BAC502

BAC503

BAC512

RG223/U



50 Ohm Impedance

RG223/U

- Center Conductor: 19 AWG solid silver coated copper
- Shielding: (2) Silver coated copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.8	9.2
100	4.1	13.5
200	6.0	23.9
400	8.8	28.9
1000	14.5	47.6

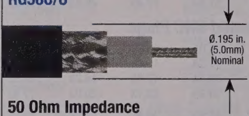
RoHS RG223/U - 50 Ohm Coaxial Cable with Two Inline Type N Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC223N-1	RG223 Cable, Type N Male / Male, 1.0ft (0.3m)	30.00	28.80	27.60	26.40	25.20
CC223N-1.5	RG223 Cable, Type N Male / Male, 1.5ft (0.5m)	30.75	29.52	28.29	27.06	25.83
CC223N-2	RG223 Cable, Type N Male / Male, 2.0ft (0.6m)	31.50	30.24	28.98	27.72	26.46
CC223N-2.5	RG223 Cable, Type N Male / Male, 2.5ft (0.8m)	32.25	30.96	29.67	28.38	27.09
CC223N-5	RG223 Cable, Type N Male / Male, 5.0ft (1.5m)	36.00	34.56	33.12	31.68	30.24
CC223N-7.5	RG223 Cable, Type N Male / Male, 7.5ft (2.3m)	39.75	38.16	36.57	34.98	33.39
CC223N-10	RG223 Cable, Type N Male / Male, 10.0ft (3.0m)	43.50	41.76	40.02	38.28	36.54
CC223N-15	RG223 Cable, Type N Male / Male, 15.0ft (4.6m)	51.00	48.96	46.92	44.88	42.84

Wireless Antenna Extension Cables - Reverse Polarized TNC and SMA Connectors

Handy cable assemblies with reverse polarized TNC and SMA male to female configurations allowing quick and easy extension of most wireless antennas to location best suited for optimal performance. Simply remove the antenna from the base unit and relocate using these extension cables to link the antenna to the base unit.

RG58C/U



50 Ohm Impedance

RG58C/U

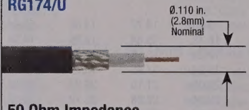
- Center Conductor: 20 (19 x 33) AWG tinned copper
- Shielding: Tinned copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	3.3	10.8
100	4.9	16.1
200	7.3	23.9
400	11.0	36.1
1000	20.0	65.6

RoHS Reverse Polarized TNC on RG58C/U - Wireless Antenna Extension Cables

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC58RP-5	RG58C Cable, Reverse Polarized TNC Male / Female, 5.0ft (1.5m)	22.00	21.12	20.24	19.36	18.48
CC58RP-10	RG58C Cable, Reverse Polarized TNC Male / Female, 10.0ft (3.0m)	24.50	23.52	22.54	21.56	20.58
CC58RP-15	RG58C Cable, Reverse Polarized TNC Male / Female, 15.0ft (4.6m)	27.00	25.92	24.84	23.76	22.68
CC58RP-20	RG58C Cable, Reverse Polarized TNC Male / Female, 20.0ft (6.1m)	29.50	28.32	27.14	25.96	24.78
CC58RP-25	RG58C Cable, Reverse Polarized TNC Male / Female, 25.0ft (7.6m)	32.00	30.72	29.44	28.16	26.88

RG174/U



50 Ohm Impedance

RG174/U

- Center Conductor: 26 (7x34) AWG bare copper covered steel
- Shielding: Tinned copper braid (90% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.8	19.0
100	8.4	27.6
200	12.5	41.0
400	19.0	62.3
1000	34.0	111.5

RoHS Reverse Polarized SMA on RG174 - Wireless Antenna Extension Cables

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC174RP-5	RG174 Cable, Reverse Polarized SMA Male / Female, 5.0ft (1.5m)	19.75	18.96	18.17	17.38	16.59
CC174RP-10	RG174 Cable, Reverse Polarized SMA Male / Female, 10.0ft (3.0m)	21.00	20.16	19.32	18.48	17.64
CC174RP-15	RG174 Cable, Reverse Polarized SMA Male / Female, 15.0ft (4.6m)	22.25	21.36	20.47	19.58	18.69
CC174RP-20	RG174 Cable, Reverse Polarized SMA Male / Female, 20.0ft (6.1m)	23.50	22.56	21.62	20.68	19.74
CC174RP-25	RG174 Cable, Reverse Polarized SMA Male / Female, 25.0ft (7.6m)	24.75	23.76	22.77	21.78	20.79

RoHS Reverse Polarized Coaxial Connectors

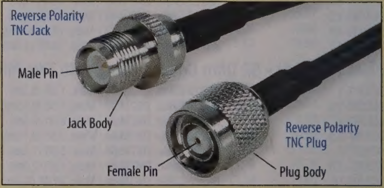
These connectors are designed for attachment to RG174/188/316 or RG58 cables and are ideal for applications where building your own cable assembly is the best solution.

Item #	Description	Cable	Attachment	1-9	10-24	25-99	100-249	250-499
BAC500	TNC Plug, Reverse Polarized	RG58	Crimp	4.95	4.55	4.16	3.76	3.37
BAC501	TNC Jack, Reverse Polarized	RG58	Crimp	4.95	4.55	4.16	3.76	3.37
BAC502	SMA Plug, Reverse Polarized	RG174/188/316	Crimp	4.95	4.55	4.16	3.76	3.37
BAC503	SMA Jack, Bulkhead, Reverse Polarized	RG174/188/316	Crimp	4.95	4.55	4.16	3.76	3.37
BAC512	SMA Jack, Reverse Polarized	RG174/188/316	Crimp	5.50	5.17	4.84	4.51	4.18

Tip

Identifying a reverse polarized connector

A reverse polarized coaxial connector alters a standard polarized connector interface by utilizing a male center pin in a jack body or a female center pin in a plug body. Reverse polarity connectors are sometimes used in an attempt to "key" connections so that incorrect connections are not possible. This also prevents mating with a standard non-polarized connector. Common reverse polarized interfaces are RP-SMA and RP-TNC.



L-com Global Connectivity

Product wizards
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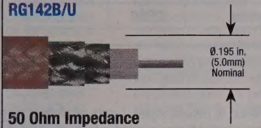
RG142B/U - 50 Ohm Coaxial Cables, Double Shielded, Hi-Temperature (200°C) with BNC Plugs

RG142B/U - 50 Ohm Hi-Temperature Coaxial Cables with BNC terminations have double braided shields for better shielding as well as TFE (Tetrafluoroethylene) dielectric and FEP (Fluorinated Ethylene-Propylene) jacket for their flame proof characteristics.

RG142B/U



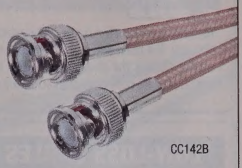
50 Ohm Impedance

RG142B/U
- Center Conductor: 18 AWG solid 0.037 silver coated copper
- Shielding: 2 silver coated copper braids (96% coverage)
- Insulation: TFE Teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.7	8.9
100	3.9	12.8
200	5.6	18.4
400	8.2	26.9
1000	13.5	44.3

✓RoHS RG142B/U - 50 Ohm Double Shielded Cable with Two Inline BNC Plugs

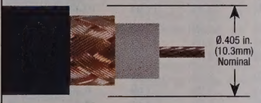
Item #	Description	1-9	10-24	25-99	100-249	250-499
CC142B-1	RG142B Cable, BNC Male / Male, 1.0ft (0.3m)	14.85	14.26	13.66	13.07	12.47
CC142B-1.5	RG142B Cable, BNC Male / Male, 1.5ft (0.5m)	15.65	15.02	14.40	13.77	13.15
CC142B-2	RG142B Cable, BNC Male / Male, 2.0ft (0.6m)	16.45	15.79	15.13	14.48	13.82
CC142B-2.5	RG142B Cable, BNC Male / Male, 2.5ft (0.8m)	17.25	16.56	15.87	15.18	14.49
CC142B-3	RG142B Cable, BNC Male / Male, 3.0ft (0.9m)	18.05	17.33	16.61	15.88	15.16
CC142B-4	RG142B Cable, BNC Male / Male, 4.0ft (1.2m)	19.65	18.86	18.08	17.29	16.51
CC142B-5	RG142B Cable, BNC Male / Male, 5.0ft (1.5m)	21.25	20.40	19.55	18.70	17.85
CC142B-6	RG142B Cable, BNC Male / Male, 6.0ft (1.8m)	22.85	21.94	21.02	20.11	19.19
CC142B-7.5	RG142B Cable, BNC Male / Male, 7.5ft (2.3m)	25.25	24.24	23.23	22.22	21.21
CC142B-10	RG142B Cable, BNC Male / Male, 10.0ft (3.0m)	29.25	28.08	26.91	25.74	24.57
CC142B-15	RG142B Cable, BNC Male / Male, 15.0ft (4.6m)	37.25	35.76	34.27	32.78	31.29
CC142B-25	RG142B Cable, BNC Male / Male, 25.0ft (7.6m)	53.25	51.12	48.99	46.86	44.73
CC142B-50	RG142B Cable, BNC Male / Male, 50.0ft (15.2m)	93.25	89.52	85.79	82.06	78.33
CC142B-75	RG142B Cable, BNC Male / Male, 75.0ft (22.9m)	133.25	127.92	122.59	117.26	111.93
CC142B-100	RG142B Cable, BNC Male / Male, 100.0ft (30.5m)	173.25	166.32	159.39	152.46	145.53


CC142B

RG213/U - Low Attenuation, High Voltage 50 Ohm Cable with TNC, Type N and BNC Plugs

RG213/U is a commonly used flexible coaxial cable with low attenuation characteristics and a maximum operating voltage of 5000 volts RMS. Offered with TNC, Type N and BNC plugs in eight standard lengths. Custom lengths and connector combinations are available with modest minimums.

RG213/U



50 Ohm Impedance

RG213/U
- Center Conductor: 13 AWG (7 x .0296) bare copper
- Shielding: Bare copper braids (96% coverage)
- Insulation: Solid polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	1.3	4.3
100	1.9	6.2
200	2.7	8.9
400	4.1	13.4
1000	8.0	26.2
4000	21.5	70.5

CC213T

✓RoHS RG213/U - 50 Ohm Low Attenuation Cable with Two Inline TNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC213T-5	RG213 Cable, TNC Male / Male, 5.0ft (1.5m)	18.25	17.52	16.79	16.06	15.33
CC213T-10	RG213 Cable, TNC Male / Male, 10.0ft (3.0m)	22.00	21.12	20.24	19.36	18.48
CC213T-15	RG213 Cable, TNC Male / Male, 15.0ft (4.6m)	25.75	24.72	23.69	22.66	21.63
CC213T-25	RG213 Cable, TNC Male / Male, 25.0ft (7.6m)	33.25	31.92	30.59	29.26	27.93
CC213T-50	RG213 Cable, TNC Male / Male, 50.0ft (15.2m)	52.00	49.92	47.84	45.76	43.68
CC213T-75	RG213 Cable, TNC Male / Male, 75.0ft (22.9m)	70.75	67.92	65.09	62.26	59.43
CC213T-100	RG213 Cable, TNC Male / Male, 100.0ft (30.5m)	89.50	85.92	82.34	78.76	75.18
CC213T-125	RG213 Cable, TNC Male / Male, 125.0ft (38.1m)	108.25	103.92	99.59	95.26	90.93

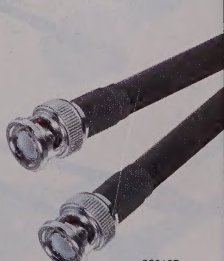
CC213

✓RoHS RG213/U - 50 Ohm Coaxial Cables with Two Inline Type N Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC213-5	RG213 Cable, Type N Male / Male, 5.0ft (1.5m)	18.25	17.52	16.79	16.06	15.33
CC213-10	RG213 Cable, Type N Male / Male, 10.0ft (3.0m)	22.00	21.12	20.24	19.36	18.48
CC213-15	RG213 Cable, Type N Male / Male, 15.0ft (4.6m)	25.75	24.72	23.69	22.66	21.63
CC213-25	RG213 Cable, Type N Male / Male, 25.0ft (7.6m)	33.25	31.92	30.59	29.26	27.93
CC213-50	RG213 Cable, Type N Male / Male, 50.0ft (15.2m)	52.00	49.92	47.84	45.76	43.68
CC213-75	RG213 Cable, Type N Male / Male, 75.0ft (22.9m)	70.75	67.92	65.09	62.26	59.43
CC213-100	RG213 Cable, Type N Male / Male, 100.0ft (30.5m)	89.50	85.92	82.34	78.76	75.18
CC213-125	RG213 Cable, Type N Male / Male, 125.0ft (38.1m)	108.25	103.92	99.59	95.26	90.93

✓RoHS RG213/U - 50 Ohm Low Attenuation Cable with Two Inline BNC Plugs

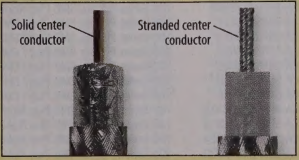
Item #	Description	1-9	10-24	25-99	100-249	250-499
CC213B-5	RG213 Cable, BNC Male / Male, 5.0ft (1.5m)	17.50	16.80	16.10	15.40	14.70
CC213B-10	RG213 Cable, BNC Male / Male, 10.0ft (3.0m)	21.25	20.40	19.55	18.70	17.85
CC213B-15	RG213 Cable, BNC Male / Male, 15.0ft (4.6m)	25.00	24.00	23.00	22.00	21.00
CC213B-25	RG213 Cable, BNC Male / Male, 25.0ft (7.6m)	32.50	31.20	29.90	28.60	27.30
CC213B-50	RG213 Cable, BNC Male / Male, 50.0ft (15.2m)	51.25	49.20	47.15	45.10	43.05
CC213B-75	RG213 Cable, BNC Male / Male, 75.0ft (22.9m)	70.00	67.20	64.40	61.60	58.80
CC213B-100	RG213 Cable, BNC Male / Male, 100.0ft (30.5m)	88.75	85.20	81.65	78.10	74.55
CC213B-125	RG213 Cable, BNC Male / Male, 125.0ft (38.1m)	107.50	103.20	98.90	94.60	90.30


CC213B

Solid vs stranded center conductors

Online Video
L-com.com/Videos/A19

In coaxial cable there is a trade off in center conductor construction. A solid center conductor will give the best attenuation performance but will be somewhat stiff, while a stranded center conductor will be more flexible but have slightly higher attenuation.



We answer your technical questions
See a complete list of frequently asked questions at L-com.com/FAQS

L-com Global Connectivity

Tip

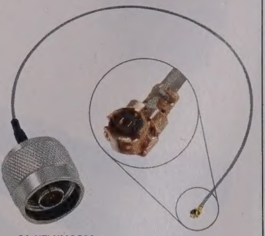
What is Low Loss cable?

The term low loss refers to the cables relative low attenuation (loss) over distance. The main difference between standard RG cable and low loss coaxial cable is the shielding. Low loss cable has far better shielding than typical RG style cable thus achieving better low loss characteristics.

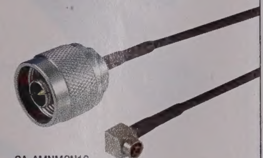
Additionally, low loss coaxial cables use solid center conductors which offer lower attenuation than stranded conductors that are sometimes found on RG style cables. Low loss coaxial cables are typically used in WLAN, Cellular, PCS, ISM and many other wireless applications.

Low Loss Attenuation Comparison		
Cable	MHz	db/100ft.
RG213/U	2500	14.9
400 Series	2500	6.8

LOW-LOSS CABLES



CA-UFLNMQC20



CA-AMNMCN19

CA-MMNMCN19

CA-RSPRTPCN19

CA-SBPRSBJCN12

Low Loss Wireless LAN Pigtails

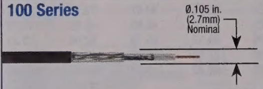
L-com manufactures and stocks the widest selection of wireless LAN pigtails and adapter cables. In addition to popular styles, L-com also offers hard to find connector combinations and can build custom pigtails/adapter cables based upon your specifications. Cable types supported in this series include 1.13 mini-coaxial, 100-Series and 195-Series assemblies.

☑RoHS 1.13mm Mini 50 Ohm Coaxial Pigtails

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-UFLNBQC20	1.13mm Pigtails, U.FL / Type N Female Bulkhead, 20cm	15.99	14.71	13.43	12.15	10.87
CA-UFLNMQC20	1.13mm Pigtails, U.FL / Type N Male, 20cm	15.99	14.71	13.43	12.15	10.87
CA-UFLRSBQC20	1.13mm Pigtails, U.FL / Reverse Polarity SMA Jack Bulkhead, 20cm	15.99	14.71	13.43	12.15	10.87
CA-UFLSBQC20	1.13mm Pigtails, U.FL / SMA Female Bulkhead, 20cm	15.99	14.71	13.43	12.15	10.87
CA-UFLQ010	1.13mm Pigtails, U.FL / Unterminated, 10.0ft (3.0m)	16.99	15.63	14.27	12.91	11.55
CA-UFLQC20	1.13mm Pigtails, U.FL / Unterminated, 20cm	12.99	11.69	10.39	9.09	7.79

☑RoHS 100-Series 50 Ohm Coaxial Pigtails

100 Series



50 Ohm Impedance

100 Series Low-Loss Cable

- Center Conductor: Solid bare copper covered steel
- Shielding: Inner foil 90% coverage + tinned copper braid
- Insulation: Solid polyethylene
- Jacket: PVC
- Operating Temperature: -20°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	22.8	74.8
1800	33.2	108.8
2500	39.8	130.6

CA-AMNFBCN19	100-Series Pigtails, AlProx / Type N Female Bulkhead, 19" (48.3cm)	9.49	9.11	8.73	8.07	7.12
CA-AMNFCN19	100-Series Pigtails, AlProx / Type N Female, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-AMNMC1M5	100-Series Pigtails, AlProx / Type N Male, 1.5m	12.99	11.69	10.39	9.09	7.79
CA-AMNMC2M5	100-Series Pigtails, AlProx / Type N Male, 2.5m	24.95	22.45	19.96	17.46	14.97
CA-AMNMCN19	100-Series Pigtails, AlProx / Type N Male, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-RSPFMEPCN19	100-Series Pigtails, FME Plug / Reverse Polarity SMA Plug, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RTPFMEPCN19	100-Series Pigtails, FME Plug / Reverse Polarity TNC Plug, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-FMEPFMEJCN19	100-Series Pigtails, FME Plug / FME Jack, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-MCNFBCN19	100-Series Pigtails, MC Card / Type N Female Bulkhead, 19" (48.3cm)	9.99	8.99	7.99	6.99	5.99
CA-MCNFCN19	100-Series Pigtails, MC Card / Type N Female, 19" (48.3cm)	9.99	8.99	7.99	6.99	5.99
CA-MCNMC1M5	100-Series Pigtails, MC Card / Type N Male, 1.5m	9.99	9.59	9.19	8.49	7.49
CA-MCNMCN19	100-Series Pigtails, MC Card / Type N Male, 19" (48.3cm)	7.99	7.67	7.35	6.79	5.99
CA-MCNMDN19	100-Series White Pigtail, MC Card / Type N Male, 19" (48.3cm)	12.99	11.69	10.39	9.09	7.79
CA-MCRTPCN19	100-Series Pigtails, MC Card / Reverse Polarity TNC Plug, 19" (48.3cm)	9.99	8.99	7.99	6.99	CALL
CA-MMNFBCN19	100-Series Pigtails, MMCX / Type N Female Bulkhead, 19" (48.3cm)	19.99	17.99	15.99	13.99	11.99
CA-MMNFCN19	100-Series Pigtails, MMCX / Type N Female, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-MMNMCN19	100-Series Pigtails, MMCX / Type N Male, 19" (48.3cm)	10.49	9.65	8.81	7.97	7.13
CA-MMSNMCN19	100-Series Pigtails, MMCX Straight / Type N Male, 19" (48.3cm)	19.99	17.99	15.99	13.99	11.99
CA-MPNFCN19	100-Series Pigtails, MCX Plug / Type N Female, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-MPNMCN19	100-Series Pigtails, MCX Plug / Type N Male, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-RMMNFBCN19	100-Series Pigtails, Rev. Pol. MMCX Plug / Type N Female Bulkhead, 19" (48.3cm)	18.95	17.05	15.16	13.26	11.37
CA-RMMNFCN19	100-Series Pigtails, Reverse Polarity MMCX / Type N Female, 19" (48.3cm)	14.99	13.79	12.59	11.39	10.19
CA-RMMNMCN19	100-Series Pigtails, Reverse Polarity MMCX / Type N Male, 19" (48.3cm)	9.99	9.19	8.39	7.59	6.79
CA-RMMRTPCN19	100-Series Pigtails, Rev. Polarity MMCX / Reverse Polarity TNC Plug, 19" (48.3cm)	8.99	8.09	7.19	6.29	5.39
CA-QPQJBCN19	100-Series Pigtails, QMA Plug / QMA Jack Bulkhead, 19" (48.3cm)	22.99	21.61	20.23	18.85	17.47
CA-QPQPCN19	100-Series Pigtails, QMA Plug / QMA Plug, 19" (48.3cm)	22.99	21.61	20.23	18.85	17.47
CA-RTPNMB001	100-Series Pigtails, Reverse Polarity TNC / Type N Male, 1.0ft (0.3m)	9.99	8.99	7.99	6.99	CALL
CA-RTPRTJBCN19	100-Series Pigtails, Rev. Pol. TNC Plug / Rev. Pol. TNC Jack BH, 19" (48.3cm)	15.99	15.03	14.07	13.11	12.15
CA-RTPRSPRCN19	100-Series Pigtails, Rev. Pol. TNC Plug / Rev. Pol. SMA Plug Rt. Angle, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RTPNFBCN19	100-Series Pigtails, Rev. Polarity TNC Plug / Type N Female Bulkhead, 19" (48.3cm)	16.99	15.97	14.95	13.93	12.91
CA-RTPNMCN19	100-Series Pigtails, Reverse Polarity TNC Plug / Type N Male, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RSPRTPCN19	100-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity TNC Plug, 19" (48.3cm)	14.99	14.39	13.79	13.19	12.59
CA-RSPRTJBCN19	100-Series Pigtails, Rev. Pol. SMA Plug / Rev. Pol. TNC Jack BH, 19" (48.3cm)	15.99	15.03	14.07	13.11	12.15
CA-RSPRSJBCN19	100-Series Pigtails, Rev. Pol. SMA Plug / Rev. Pol. SMA Jack BH, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RSPRSPCN19	100-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity SMA Plug, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RSPRSPRCN19	100-Series Pigtails, Rev. Pol. SMA Plug / Rev. Pol. SMA Plug Rt. Angle, 19" (48.3cm)	15.99	15.03	14.07	13.11	12.15
CA-RSPNMCN19	100-Series Pigtails, Reverse Polarity SMA Plug / Type N Male, 19" (48.3cm)	14.99	14.09	13.19	12.29	11.39
CA-RSPNFBCN19	100-Series Pigtails, Rev. Pol. SMA Plug / Type N Female Bulkhead, 19" (48.3cm)	16.99	15.97	14.95	13.93	12.91
CA-SBPRSBJCN12	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 12" (30.5cm)	14.50	13.34	12.18	11.02	9.86
CA-SBPRSBJCN18	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 18" (45.8cm)	15.00	13.80	12.60	11.40	10.20
CA-SBPRSBJCN24	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 24" (61cm)	15.50	14.26	13.02	11.78	10.54
CA-SBPRSBJCN30	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 30" (76.2cm)	16.00	14.72	13.44	12.16	10.88
CA-SBPRSBJCN36	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 36" (91.4cm)	16.50	15.18	13.86	12.54	11.22
CA-SBPRSBJCN48	100-Series Pigtails, SMB Plug Right Angle / SMB Jack, 48" (121.9cm)	17.50	16.10	14.70	13.30	11.90
CA-SBPSBJCN12	100-Series Pigtails, SMB Plug / SMB Jack, 12" (30.5cm)	14.50	13.34	12.18	11.02	9.86
CA-SBPSBJCN18	100-Series Pigtails, SMB Plug / SMB Jack, 18" (45.8cm)	15.00	13.80	12.60	11.40	10.20
CA-SBPSBJCN24	100-Series Pigtails, SMB Plug / SMB Jack, 24" (61cm)	15.50	14.26	13.02	11.78	10.54
CA-SBPSBJCN30	100-Series Pigtails, SMB Plug / SMB Jack, 30" (76.2cm)	16.00	14.72	13.44	12.16	10.88
CA-SBPSBJCN36	100-Series Pigtails, SMB Plug / SMB Jack, 36" (91.4cm)	16.50	15.18	13.86	12.54	11.22
CA-SBPSBJCN48	100-Series Pigtails, SMB Plug / SMB Jack, 48" (121.9cm)	17.50	16.10	14.70	13.30	11.90
CA-SBPRSBPRCN12	100-Series Pigtails, SMB Plug Right Angle /SMB Plug Right Angle, 12" (30.5cm)	14.50	13.34	12.18	11.02	9.86
CA-SBPRSBPRCN18	100-Series Pigtails, SMB Plug Right Angle /SMB Plug Right Angle, 18" (45.8cm)	15.00	13.80	12.60	11.40	10.20
CA-SBPRSBPRCN24	100-Series Pigtails, SMB Plug Right Angle /SMB Plug Right Angle, 24" (61cm)	15.50	14.26	13.02	11.78	10.54
CA-SBPRSBPRCN30	100-Series Pigtails, SMB Plug Right Angle /SMB Plug Right Angle, 30" (76.2cm)	16.00	14.72	13.44	12.16	10.88

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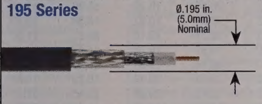
ship the same day.

☑RoHS 100-Series 50 Ohm Coaxial Pigtails

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-SBPRSBPRCN36	100-Series Pigtails, SMB Plug Right Angle / SMB Plug Right Angle, 36" (91.4cm)	16.50	15.18	13.86	12.54	11.22
CA-SBPRSBPRCN48	100-Series Pigtails, SMB Plug Right Angle / SMB Plug Right Angle, 48" (121.9cm)	17.50	16.10	14.70	13.30	11.90
CA-SBPSBPRCN12	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 12" (30.5cm)	14.50	13.34	12.18	11.02	9.86
CA-SBPSBPRCN18	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 18" (45.7cm)	15.00	13.80	12.60	11.40	10.20
CA-SBPSBPRCN24	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 24" (61cm)	15.50	14.26	13.02	11.78	10.54
CA-SBPSBPRCN30	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 30" (76.2cm)	16.00	14.72	13.44	12.16	10.88
CA-SBPSBPRCN36	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 36" (91.4cm)	16.50	15.18	13.86	12.54	11.22
CA-SBPSBPRCN48	100-Series Pigtails, SMB Plug / SMB Plug Right Angle, 48" (121.9cm)	17.50	16.10	14.70	13.30	11.90
CA-SEPNMCN19	100-Series Pigtails, S/E Type 237 Plug / Type N Male, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-SEPRSJCN19	100-Series Pigtails, S/E Type 237 Plug / Reverse Polarity SMA Jack, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-SEPSFCN19	100-Series Pigtails, S/E Type 237 Plug / SMA Female, 19" (48.3cm)	14.99	13.49	11.99	10.49	8.99
CA-SNPNMCN19	100-Series Pigtails, SMA Nano Plug / Type N Male, 19" (48.3cm)	14.99	13.49	11.99	10.49	CALL
CA-SNPTFBCN19	100-Series Pigtails, SMA Nano Plug / TNC Female Bulkhead, 19" (48.3cm)	14.99	13.49	11.99	10.49	CALL
CA-SNPTFCN19	100-Series Pigtails, SMA Nano Plug / TNC Female, 19" (48.3cm)	14.99	13.49	11.99	10.49	CALL
CA-SNPNFCN19	100-Series Pigtails, SMA Right Angle Male / Type N Male, 19" (48.3cm)	14.99	13.49	11.99	10.49	CALL

☑RoHS 195-Series 50 Ohm Coaxial Pigtails

195 Series



50 Ohm Impedance

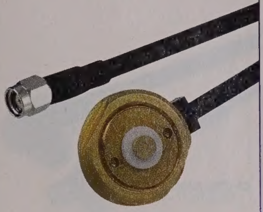
195R Series Low-Loss Cable
- Center Conductor: Solid bare copper
- Shielding: Foil + tinned copper braid (90% coverage)
- Insulation: Physical foam polyethylene (PTFE for Plenum Rated)
- Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated)
- Operating Temperature: -20°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	11.1	36.5
1800	16.0	52.5
2500	19.0	62.4
5800	29.9	98.1

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-AM1RSPA002	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity SMA Plug, 2.0ft (0.6m)	21.95	19.75	17.56	15.36	13.17
CA-AM1RSPA004	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity SMA Plug, 4.0ft (1.2m)	22.90	20.61	18.32	16.03	13.74
CA-AM1RSPA010	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity SMA Plug, 10.0ft (3.0m)	25.80	23.22	20.64	18.06	15.48
CA-AM1RSPA020	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity SMA Plug, 20.0ft	30.60	27.54	24.48	21.42	18.36
CA-AM1RTPA002	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity TNC Plug, 2.0ft (0.6m)	21.95	19.75	17.56	15.36	13.17
CA-AM1RTPA004	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity TNC Plug, 4.0ft (1.2m)	22.90	20.61	18.32	16.03	13.74
CA-AM1RTPA010	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity TNC Plug, 10.0ft (3.0m)	25.80	23.22	20.64	18.06	15.48
CA-AM1RTPA020	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Rev. Polarity TNC Plug, 20.0ft (6.1m)	30.60	27.54	24.48	21.42	18.36
CA-AM1NMA002	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Type N Male, 2.0ft (0.6m)	22.55	20.30	18.04	15.79	13.53
CA-AM1NMA004	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Type N Male, 4.0ft (1.2m)	23.50	21.15	18.80	16.45	14.10
CA-AM1NMA010	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Type N Male, 10.0ft (3.0m)	26.40	23.76	21.12	18.48	15.84
CA-AM1NMA020	195-Series Pigtails, 3/4" (1.9cm) NMO Mount / Type N Male, 20.0ft (6.1m)	31.20	28.08	24.96	21.84	18.72
CA-AMNMA002	195-Series Pigtails, AlProx Male / Type N Male, 2.0ft (0.6m)	21.00	19.32	17.64	15.96	14.28
CA-AMNMA004	195-Series Pigtails, AlProx Male / Type N Male, 4.0ft (1.2m)	21.50	19.78	18.06	16.34	14.62
CA-AMNMA010	195-Series Pigtails, AlProx Male / Type N Male, 10.0ft (3.0m)	24.50	22.54	20.58	18.62	16.66
CA-AMNMA020	195-Series Pigtails, AlProx Male / Type N Male, 20.0ft (6.1m)	29.50	27.14	24.78	22.42	20.06
CA-BMRBMA002	195-Series Pigtails, BNC Male Right Angle / BNC Male, 2.0ft (0.6m)	24.00	21.60	19.20	16.80	14.40
CA-BMRBMA004	195-Series Pigtails, BNC Male Right Angle / BNC Male, 4.0ft (1.2m)	25.20	22.68	20.16	17.64	15.12
CA-BMRBMA010	195-Series Pigtails, BNC Male Right Angle / BNC Male, 10.0ft (3.0m)	28.80	25.92	23.04	20.16	17.28
CA-BMRBMA020	195-Series Pigtails, BNC Male Right Angle / BNC Male, 20.0ft (6.1m)	34.80	31.32	27.84	24.36	20.88
CA-BMRBMRA002	195-Series Pigtails, BNC Male Right Angle / BNC Male Right Angle, 2.0ft (0.6m)	26.40	23.76	21.12	18.48	15.84
CA-BMRBMRA004	195-Series Pigtails, BNC Male Right Angle / BNC Male Right Angle, 4.0ft (1.2m)	27.60	24.84	22.08	19.32	16.56
CA-BMRBMRA010	195-Series Pigtails, BNC Male Right Angle / BNC Male Right Angle, 10.0ft (3.0m)	31.20	28.08	24.96	21.84	18.72
CA-BMRBMRA020	195-Series Pigtails, BNC Male Right Angle / BNC Male Right Angle, 20.0ft (6.1m)	37.20	33.48	29.76	26.04	22.32
CA-FMNMA002	195-Series Pigtails, Type F Male / Type N Male, 2.0ft (0.6m)	16.95	15.25	13.56	11.86	10.17
CA-FMNMA004	195-Series Pigtails, Type F Male / Type N Male, 4.0ft (1.2m)	17.80	16.02	14.24	12.46	10.68
CA-FMNMA010	195-Series Pigtails, Type F Male / Type N Male, 10.0ft (3.0m)	21.70	19.53	17.36	15.19	13.02
CA-FMNMA020	195-Series Pigtails, Type F Male / Type N Male, 20.0ft (6.1m)	29.30	26.37	23.44	20.51	17.58
CA-NMNMA002	195-Series Pigtails, Type N Male / Type N Male, 2.0ft (0.6m)	14.70	13.23	11.76	10.29	8.82
CA-NMNMA004	195-Series Pigtails, Type N Male / Type N Male, 4.0ft (1.2m)	15.70	14.13	12.56	10.99	9.42
CA-NMNMA010	195-Series Pigtails, Type N Male / Type N Male, 10.0ft (3.0m)	18.70	16.83	14.96	13.09	11.22
CA-NMNMA020	195-Series Pigtails, Type N Male / Type N Male, 20.0ft (6.1m)	23.70	21.33	18.96	16.59	14.22
CA-NMRNMA002	195-Series Pigtails, Type N Male Right Angle / Type N Male, 2.0ft (0.6m)	30.00	27.00	24.00	21.00	18.00
CA-NMRNMA004	195-Series Pigtails, Type N Male Right Angle / Type N Male, 4.0ft (1.2m)	31.00	27.90	24.80	21.70	18.60
CA-NMRNMA010	195-Series Pigtails, Type N Male Right Angle / Type N Male, 10.0ft (3.0m)	34.00	30.60	27.20	23.80	CALL
CA-NMRNMA020	195-Series Pigtails, Type N Male Right Angle / Type N Male, 20.0ft (6.1m)	39.00	35.10	31.20	27.30	CALL
CA-NMNFA002	195-Series Pigtails, Type N Male / Type N Female, 2.0ft (0.6m)	14.70	13.23	11.76	10.29	8.82
CA-NMNFA004	195-Series Pigtails, Type N Male / Type N Female, 4.0ft (1.2m)	15.70	14.13	12.56	10.99	9.42
CA-NMNFA010	195-Series Pigtails, Type N Male / Type N Female, 10.0ft (3.0m)	18.70	16.83	14.96	13.09	11.22
CA-NMNFA020	195-Series Pigtails, Type N Male / Type N Female, 20.0ft (6.1m)	23.70	21.33	18.96	16.59	14.22
CA-NMRRSPA002	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Plug, 2.0ft (0.6m)	27.70	24.93	22.16	19.39	16.62
CA-NMRRSPA004	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Plug, 4.0ft (1.2m)	28.95	26.05	23.16	20.26	17.37
CA-NMRRSPA010	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Plug, 10.0ft (3.0m)	32.70	29.43	26.16	22.89	19.62
CA-NMRRSPA020	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Plug, 20.0ft (6.1m)	38.95	35.06	31.16	27.27	23.37
CA-NMRRSJA002	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Jack, 2.0ft (0.6m)	24.95	22.45	19.96	17.46	14.97
CA-NMRRSJA004	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Jack, 4.0ft (1.2m)	26.15	23.54	20.92	18.30	15.69
CA-NMRRSJA010	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Jack, 10.0ft (3.0m)	29.75	26.78	23.80	20.82	17.85
CA-NMRRSJA020	195-Series Pigtails, Type N Male Right Angle / Rev. Polarity SMA Jack, 20.0ft (6.1m)	35.75	32.18	28.60	25.02	21.45
CA-NMRSMA002	195-Series Pigtails, Type N Male Right Angle / SMA Male, 2.0ft (0.6m)	24.95	22.45	19.96	17.46	14.97
CA-NMRSMA004	195-Series Pigtails, Type N Male Right Angle / SMA Male, 4.0ft (1.2m)	26.15	23.54	20.92	18.30	15.69
CA-NMRSMA010	195-Series Pigtails, Type N Male Right Angle / SMA Male, 10.0ft (3.0m)	29.75	26.78	23.80	20.82	17.85
CA-NMRSMA020	195-Series Pigtails, Type N Male Right Angle / SMA Male, 20.0ft (6.1m)	35.75	32.18	28.60	25.02	21.45
CA-NMRTMA002	195-Series Pigtails, Type N Male Right Angle / TNC Male, 2.0ft (0.6m)	24.95	22.45	19.96	17.46	14.97
CA-NMRTMA004	195-Series Pigtails, Type N Male Right Angle / TNC Male, 4.0ft (1.2m)	26.15	23.54	20.92	18.30	15.69
CA-NMRTMA010	195-Series Pigtails, Type N Male Right Angle / TNC Male, 10.0ft (3.0m)	29.75	26.78	23.80	20.82	17.85
CA-NMRTMA020	195-Series Pigtails, Type N Male Right Angle / TNC Male, 20.0ft (6.1m)	35.75	32.18	28.60	25.02	21.45

LOW-LOSS CABLES

CA-SBPSBPRCN12


CA-AM1RSPA002

CA-BMRBMA002

CA-NMNMA002

CA-NMNFA002

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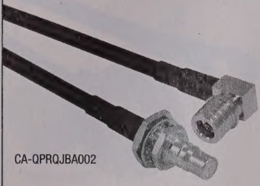
LOW-LOSS CABLES

CA-QPRQPRA002


CA-QPRQJBA002

CA-QPRSMA002

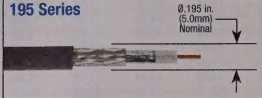
CA-QPRSFA002

CA-RBPNFBA002

CA-RSPRSJA010

RoHS 195-Series 50 Ohm Coaxial Pigtails

195 Series



50 Ohm Impedance

195R Series Low-Loss Cable

- Center Conductor: Solid bare copper
- Shielding: Foil + tinned copper braid (90% coverage)
- Insulation: Physical foam polyethylene (PTFE for Plenum Rated)
- Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated)
- Operating Temperature: -20°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	11.1	36.5
1800	16.0	52.5
2500	19.0	62.4
5800	29.9	98.1

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-QPNMA002	195-Series Pigtails, QMA Plug / Type N Male, 2.0ft (0.6m)	25.40	22.86	20.32	17.78	15.24
CA-QPNMA004	195-Series Pigtails, QMA Plug / Type N Male, 4.0ft (1.2m)	27.00	24.30	21.60	18.90	16.20
CA-QPNMA010	195-Series Pigtails, QMA Plug / Type N Male, 10.0ft (3.0m)	31.80	28.62	25.44	22.26	19.08
CA-QPNMA020	195-Series Pigtails, QMA Plug / Type N Male, 20.0ft (6.1m)	39.80	35.82	31.84	27.86	23.88
CA-QPRSFA002	195-Series Pigtails, QMA Plug Right Angle / SMA Female, 2.0ft (0.6m)	21.30	19.17	17.04	14.91	12.78
CA-QPRSFA004	195-Series Pigtails, QMA Plug Right Angle / SMA Female, 4.0ft (1.2m)	23.00	20.70	18.40	16.10	13.80
CA-QPRSFA010	195-Series Pigtails, QMA Plug Right Angle / SMA Female, 10.0ft (3.0m)	26.45	23.80	21.16	18.51	15.87
CA-QPRSFA020	195-Series Pigtails, QMA Plug Right Angle / SMA Female, 20.0ft (6.1m)	36.75	33.08	29.40	25.72	22.05
CA-QPSFA002	195-Series Pigtails, QMA Plug / SMA Female, 2.0ft (0.6m)	21.00	18.90	16.80	14.70	12.60
CA-QPSFA004	195-Series Pigtails, QMA Plug / SMA Female, 4.0ft (1.2m)	22.75	20.48	18.20	15.92	13.65
CA-QPSFA010	195-Series Pigtails, QMA Plug / SMA Female, 10.0ft (3.0m)	26.15	23.54	20.92	18.30	15.69
CA-QPSFA020	195-Series Pigtails, QMA Plug / SMA Female, 20.0ft (6.1m)	36.45	32.81	29.16	25.52	21.87
CA-QPRSMA002	195-Series Pigtails, QMA Plug Right Angle / SMA Male, 2.0ft (0.6m)	20.90	18.81	16.72	14.63	12.54
CA-QPRSMA004	195-Series Pigtails, QMA Plug Right Angle / SMA Male, 4.0ft (1.2m)	22.60	20.34	18.08	15.82	13.56
CA-QPRSMA010	195-Series Pigtails, QMA Plug Right Angle / SMA Male, 10.0ft (3.0m)	26.05	23.45	20.84	18.23	15.63
CA-QPRSMA020	195-Series Pigtails, QMA Plug Right Angle / SMA Male, 20.0ft (6.1m)	36.35	32.72	29.08	25.45	21.81
CA-QPSMA002	195-Series Pigtails, QMA Plug / SMA Male, 2.0ft (0.6m)	20.60	18.54	16.48	14.42	12.36
CA-QPSMA004	195-Series Pigtails, QMA Plug / SMA Male, 4.0ft (1.2m)	22.30	20.07	17.84	15.61	13.38
CA-QPSMA010	195-Series Pigtails, QMA Plug / SMA Male, 10.0ft (3.0m)	25.75	23.18	20.60	18.02	15.45
CA-QPSMA020	195-Series Pigtails, QMA Plug / SMA Male, 20.0ft (6.1m)	36.00	32.40	28.80	25.20	21.60
CA-QPRQPRA002	195-Series Pigtails, QMA Plug Right Angle / QMA Plug Right Angle, 2.0ft (0.6m)	25.70	23.13	20.56	17.99	15.42
CA-QPRQPRA004	195-Series Pigtails, QMA Plug Right Angle / QMA Plug Right Angle, 4.0ft (1.2m)	27.40	24.66	21.92	19.18	16.44
CA-QPRQPRA010	195-Series Pigtails, QMA Plug Right Angle / QMA Plug Right Angle, 10.0ft (3.0m)	30.85	27.77	24.68	21.59	18.51
CA-QPRQPRA020	195-Series Pigtails, QMA Plug Right Angle / QMA Plug Right Angle, 20.0ft (6.1m)	41.15	37.03	32.92	28.80	24.69
CA-QPRQPA002	195-Series Pigtails, QMA Plug Right Angle / QMA Plug, 2.0ft (0.6m)	25.45	22.91	20.36	17.81	15.27
CA-QPRQPA004	195-Series Pigtails, QMA Plug Right Angle / QMA Plug, 4.0ft (1.2m)	27.15	24.43	21.72	19.00	16.29
CA-QPRQPA010	195-Series Pigtails, QMA Plug Right Angle / QMA Plug, 10.0ft (3.0m)	30.60	27.54	24.48	21.42	18.36
CA-QPRQPA020	195-Series Pigtails, QMA Plug Right Angle / QMA Plug, 20.0ft (6.1m)	40.90	36.81	32.72	28.63	24.54
CA-QPQPA002	195-Series Pigtails, QMA Plug / QMA Plug, 2.0ft (0.6m)	25.15	22.63	20.12	17.60	15.09
CA-QPQPA004	195-Series Pigtails, QMA Plug / QMA Plug, 4.0ft (1.2m)	26.90	24.21	21.52	18.83	16.14
CA-QPQPA010	195-Series Pigtails, QMA Plug / QMA Plug, 10.0ft (3.0m)	32.00	28.80	25.60	22.40	19.20
CA-QPQPA020	195-Series Pigtails, QMA Plug / QMA Plug, 20.0ft (6.1m)	40.60	36.54	32.48	28.42	24.36
CA-QPRQJBA002	195-Series Pigtails, QMA Plug Right Angle / QMA Jack Bulkhead, 2.0ft (0.6m)	25.60	23.04	20.48	17.92	15.36
CA-QPRQJBA004	195-Series Pigtails, QMA Plug Right Angle / QMA Jack Bulkhead, 4.0ft (1.2m)	27.30	24.57	21.84	19.11	16.38
CA-QPRQJBA010	195-Series Pigtails, QMA Plug Right Angle / QMA Jack Bulkhead, 10.0ft (3.0m)	30.75	27.68	24.60	21.52	18.45
CA-QPRQJBA020	195-Series Pigtails, QMA Plug Right Angle / QMA Jack Bulkhead, 20.0ft (6.1m)	41.00	36.90	32.80	28.70	24.60
CA-QPQJBA002	195-Series Pigtails, QMA Plug / QMA Jack Bulkhead, 2.0ft (0.6m)	25.50	22.95	20.40	17.85	15.30
CA-QPQJBA004	195-Series Pigtails, QMA Plug / QMA Jack Bulkhead, 4.0ft (1.2m)	27.20	25.57	23.94	CALL	CALL
CA-QPQJBA010	195-Series Pigtails, QMA Plug / QMA Jack Bulkhead, 10.0ft (3.0m)	30.65	27.59	24.52	21.45	18.39
CA-QPQJBA020	195-Series Pigtails, QMA Plug / QMA Jack Bulkhead, 20.0ft (6.1m)	40.95	36.86	32.76	28.66	24.57
CA-RBPNMA002	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Male, 2.0ft (0.6m)	17.99	16.19	14.39	12.59	10.79
CA-RBPNMA004	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Male, 4.0ft (1.2m)	19.50	17.55	15.60	13.65	11.70
CA-RBPNMA010	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Male, 10.0ft (3.0m)	23.95	21.55	19.16	16.76	14.37
CA-RBPNMA020	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Male, 20.0ft (6.1m)	31.45	28.30	25.16	22.01	18.87
CA-RBPNFA002	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Female, 2.0ft (0.6m)	17.60	15.84	14.08	12.32	10.56
CA-RBPNFA004	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Female, 4.0ft (1.2m)	19.30	17.37	15.44	13.51	11.58
CA-RBPNFA010	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Female, 10.0ft (3.0m)	22.75	20.48	18.20	15.92	13.65
CA-RBPNFA020	195-Series Pigtails, Reverse Polarity BNC Plug / Type N Female, 20.0ft (6.1m)	30.05	27.05	24.04	21.04	18.03
CA-RBPNFBA002	195-Series Pigtails, Rev. Polarity BNC Plug / Type N Female Bulkhead, 2.0ft (0.6m)	21.75	19.57	17.40	15.22	13.05
CA-RBPNFBA004	195-Series Pigtails, Rev. Polarity BNC Plug / Type N Female Bulkhead, 4.0ft (1.2m)	23.75	21.38	19.00	16.63	14.25
CA-RBPNFBA010	195-Series Pigtails, Rev. Polarity BNC Plug / Type N Female Bulkhead, 10.0ft (3.0m)	29.75	26.78	23.80	20.82	17.85
CA-RBPNFBA020	195-Series Pigtails, Rev. Polarity BNC Plug / Type N Female Bulkhead, 20.0ft (6.1m)	39.75	35.77	31.80	27.82	23.85
CA-RSPNMA002	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Male, 2.0ft (0.6m)	12.75	11.47	10.20	8.92	7.65
CA-RSPNMA004	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Male, 4.0ft (1.2m)	13.80	12.42	11.04	9.66	8.28
CA-RSPNMA010	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Male, 10.0ft (3.0m)	17.00	15.30	13.60	11.90	10.20
CA-RSPNMA020	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Male, 20.0ft (6.1m)	22.30	20.07	17.84	15.61	13.38
CA-RSPNMB001	195-Series White Pigtails, Reverse Polarity SMA Plug / Type N Male, 1.0ft (0.3m)	10.95	9.86	8.76	7.66	6.57
CA-RSPNMB002	195-Series White Pigtails, Reverse Polarity SMA Plug / Type N Male, 2.0ft (0.6m)	12.75	11.47	10.20	8.92	7.65
CA-RSPNMB004	195-Series White Pigtails, Reverse Polarity SMA Plug / Type N Male, 4.0ft (1.2m)	14.05	12.65	11.24	9.83	8.43
CA-RSPNMB010	195-Series White Pigtails, Reverse Polarity SMA Plug / Type N Male, 10.0ft (3.0m)	17.95	16.16	14.36	12.56	10.77
CA-RSPNMB020	195-Series White Pigtails, Reverse Polarity SMA Plug / Type N Male, 20.0ft (6.1m)	24.45	22.00	19.56	17.11	14.67
CA-RSPNFA002	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Female, 2.0ft (0.6m)	13.25	11.93	10.60	9.27	7.95
CA-RSPNFA004	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Female, 4.0ft (1.2m)	14.35	12.91	11.48	10.04	8.61
CA-RSPNFA010	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Female, 10.0ft (3.0m)	17.65	15.88	14.12	12.35	10.59
CA-RSPNFA020	195-Series Pigtails, Reverse Polarity SMA Plug / Type N Female, 20.0ft (6.1m)	23.15	20.84	18.52	16.20	13.89
CA-RSPNFBA002	195-Series Pigtails, Rev. Polarity SMA Plug / Type N Female Bulkhead, 2.0ft (0.6m)	16.50	14.85	13.20	11.55	9.90
CA-RSPNFBA004	195-Series Pigtails, Rev. Polarity SMA Plug / Type N Female Bulkhead, 4.0ft (1.2m)	17.50	15.75	14.00	12.25	10.50
CA-RSPNFBA010	195-Series Pigtails, Rev. Polarity SMA Plug / Type N Female Bulkhead, 10.0ft (3.0m)	20.50	18.45	16.40	14.35	12.30
CA-RSPNFBA020	195-Series Pigtails, Rev. Polarity SMA Plug / Type N Female Bulkhead, 20.0ft (6.1m)	25.50	22.95	20.40	17.85	15.30
CA-RSPRSJA002	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity SMA Jack, 2.0ft (0.6m)	10.70	9.63	8.56	7.49	6.42
CA-RSPRSJA004	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity SMA Jack, 4.0ft (1.2m)	11.75	10.58	9.40	8.22	7.05
CA-RSPRSJA010	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity SMA Jack, 10.0ft (3.0m)	14.95	13.46	11.96	10.46	8.97
CA-RSPRSJA020	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity SMA Jack, 20.0ft (6.1m)	20.25	18.23	16.20	14.17	12.15
CA-RSPRTPA002	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity TNC Plug, 2.0ft (0.6m)	10.30	9.27	8.24	7.21	6.18
CA-RSPRTPA004	195-Series Pigtails, Rev. Polarity SMA Plug / Reverse Polarity TNC Plug, 4.0ft (1.2m)	11.30	10.17	9.04	7.91	6.78
CA-RSPRTPA010	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity TNC Plug, 10.0ft (3.0m)	14.30	12.87	11.44	10.01	8.58
CA-RSPRTPA020	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity TNC Plug, 20.0ft (6.1m)	19.30	17.37	15.44	13.51	11.58
CA-RSPRNPA002	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity Type N Plug, 2.0ft (0.6m)	24.95	22.45	19.96	17.46	14.97
CA-RSPRNPA004	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity Type N Plug, 4.0ft (1.2m)	25.60	23.04	20.48	17.92	15.36

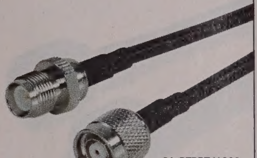
> "I would like to say that working with L-com has been great. We have had nothing but outstanding customer support and fast shipping. Thank you." - William Okeson, Electronics Technician, NOAA Ship Delaware II

☑RoHS 195-Series 50 Ohm Coaxial Pigtails

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-RSPRNPA010	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity Type N Plug, 10.0ft (3.0m)	29.80	26.82	23.84	20.86	17.88
CA-RSPRNPA020	195-Series Pigtails, Rev. Polarity SMA Plug / Rev. Polarity Type N Plug, 20.0ft (6.1m)	36.80	33.12	29.44	25.76	22.08
CA-RSJRTPB002	195-Series White Pigtails, Rev. Pol. SMA Jack / Rev. Polarity TNC Plug, 2.0ft (0.6m)	22.80	20.52	18.24	15.96	13.68
CA-RSJRTPB004	195-Series Wht. Pigtails, Rev. Pol. SMA Jack / Rev. Polarity TNC Plug, 4.0ft (1.2m)	24.00	21.60	19.20	16.80	14.40
CA-RSJRTPB010	195-Series White Pigtails, Rev. Polarity SMA Jack / Rev. Pol. TNC Plug, 10.0ft (3.0m)	27.60	24.84	22.08	19.32	16.56
CA-RSJRTPB020	195-Series White Pigtails, Rev. Polarity SMA Jack / Rev. Pol. TNC Plug, 20.0ft (6.1m)	33.60	30.24	26.88	23.52	20.16
CA-RSJRTPA002	195-Series Pigtails, Rev. Polarity SMA Jack / Rev. Polarity TNC Plug, 2.0ft (0.6m)	22.20	19.98	17.76	15.54	13.32
CA-RSJRTPA004	195-Series Pigtails, Rev. Polarity SMA Jack / Rev. Polarity TNC Plug, 4.0ft (1.2m)	23.40	21.06	18.72	16.38	14.04
CA-RSJRTPA010	195-Series Pigtails, Rev. Polarity SMA Jack / Rev. Polarity TNC Plug, 10.0ft (3.0m)	27.00	24.30	21.60	18.90	16.20
CA-RSJRTPA020	195-Series Pigtails, Rev. Polarity SMA Jack / Rev. Polarity TNC Plug, 20.0ft (6.1m)	33.00	29.70	26.40	23.10	19.80
CA-RTPNMB001	195-Series White Pigtails, Reverse Polarity TNC Plug / Type N Male, 1.0ft	9.99	8.99	7.99	6.99	CALL
CA-RTPNMA002	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Male, 2.0ft (0.6m)	9.99	8.99	7.99	6.99	5.99
CA-RTPNMA004	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Male, 4.0ft (1.2m)	12.99	11.69	10.39	9.09	7.79
CA-RTPNMA010	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Male, 10.0ft (3.0m)	14.99	13.49	11.99	10.49	8.99
CA-RTPNMA020	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Male, 20.0ft (6.1m)	17.99	16.19	14.39	12.59	10.79
CA-RTPRNMRA002	195-Series Pigtails, Rev. Pol. TNC Plug Rt. Angle / Type N Male Rt. Angle, 2.0ft (0.6m)	14.99	13.79	12.59	11.39	10.19
CA-RTPRNMA002	195-Series Pigtails, Rev. Polarity TNC Plug Right Angle / Type N Male, 2.0ft (0.6m)	14.99	13.79	12.59	11.39	10.19
CA-RTPRNMA004	195-Series Pigtails, Rev. Polarity TNC Plug Right Angle / Type N Male, 4.0ft (1.2m)	22.00	19.80	17.60	15.40	13.20
CA-RTPRNMA010	195-Series Pigtails, Rev. Polarity TNC Plug Right Angle / Type N Male, 10.0ft (3.0m)	25.00	22.50	20.00	17.50	15.00
CA-RTPRNMA020	195-Series Pigtails, Rev. Pol. TNC Plug Right Angle / Type N Male, 20.0ft (6.1m)	27.00	24.30	21.60	18.90	16.20
CA-RTPNFA002	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Female, 2.0ft (0.6m)	15.00	13.50	12.00	10.50	9.00
CA-RTPNFA004	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Female, 4.0ft (1.2m)	16.00	14.40	12.80	11.20	9.60
CA-RTPNFA010	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Female, 10.0ft (3.0m)	19.00	18.24	17.48	16.15	14.25
CA-RTPNFA020	195-Series Pigtails, Reverse Polarity TNC Plug / Type N Female, 20.0ft (6.1m)	24.00	21.60	19.20	16.80	14.40
CA-RTPNFBA002	195-Series Pigtails, Rev. Polarity TNC Plug / Type N Female Bulkhead, 2.0ft (0.6m)	19.00	17.10	15.20	13.30	11.40
CA-RTPNFBA004	195-Series Pigtails, Rev. Polarity TNC Plug / Type N Female Bulkhead, 4.0ft (1.2m)	20.00	18.00	16.00	14.00	12.00
CA-RTPNFBA010	195-Series Pigtails, Rev. Polarity TNC Plug / Type N Female Bulkhead, 10.0ft (3.0m)	23.00	20.70	18.40	16.10	13.80
CA-RTPNFBA020	195-Series Pigtails, Rev. Polarity TNC Plug / Type N Female Bulkhead, 20.0ft (6.1m)	28.00	25.20	22.40	19.60	16.80
CA-RTPRTJA002	195-Series Pigtails, Reverse Polarity TNC Plug / Rev. Polarity TNC Jack, 2.0ft (0.6m)	13.00	11.70	10.40	9.10	7.80
CA-RTPRTJA004	195-Series Pigtails, Reverse Polarity TNC Plug / Rev. Polarity TNC Jack, 4.0ft (1.2m)	22.00	19.80	17.60	15.40	13.20
CA-RTPRTJA010	195-Series Pigtails, Rev. Polarity TNC Plug / Rev. Polarity TNC Jack, 10.0ft (3.0m)	17.00	15.30	13.60	11.90	10.20
CA-RTPRTJA020	195-Series Pigtails, Reverse Polarity TNC Plug / Reverse Polarity TNC Jack, 20.0ft	22.00	19.80	17.60	15.40	13.20
CA-RTPRTPA002	195-Series Pigtails, Reverse Polarity TNC Plug / Rev. Polarity TNC Plug, 2.0ft (0.6m)	9.99	8.99	7.99	6.99	5.99
CA-RTPRTPA004	195-Series Pigtails, Reverse Polarity TNC Plug / Rev. Polarity TNC Plug, 4.0ft (1.2m)	12.99	11.69	10.39	9.09	7.79
CA-RTPRTPA010	195-Series Pigtails, Rev. Polarity TNC Plug / Rev. Polarity TNC Plug, 10.0ft (3.0m)	14.99	13.49	11.99	10.49	8.99
CA-RTPRTPA020	195-Series Pigtails, Rev. Polarity TNC Plug / Rev. Polarity TNC Plug, 20.0ft (6.1m)	17.99	16.19	14.39	12.59	10.79
CA-SMNMA002	195-Series Pigtails, SMA Male / Type N Male, 2.0ft (0.6m)	15.00	13.50	12.00	10.50	9.00
CA-SMNMA004	195-Series Pigtails, SMA Male / Type N Male, 4.0ft (1.2m)	16.00	14.40	12.80	11.20	9.60
CA-SMNMA010	195-Series Pigtails, SMA Male / Type N Male, 10.0ft (3.0m)	19.00	17.10	15.20	13.30	11.40
CA-SMNMA020	195-Series Pigtails, SMA Male / Type N Male, 20.0ft (6.1m)	24.00	21.60	19.20	16.80	14.40
CA-SMRNMA002	195-Series Pigtails, SMA Male Right Angle / Type N Male, 2.0ft (0.6m)	17.99	16.19	14.39	12.59	10.79
CA-SMRNMA004	195-Series Pigtails, SMA Male Right Angle / Type N Male, 4.0ft (1.2m)	19.70	17.73	15.76	13.79	11.82
CA-SMRNMA010	195-Series Pigtails, SMA Male Right Angle / Type N Male, 10.0ft (3.0m)	24.80	22.32	19.84	17.36	14.88
CA-SMRNMA020	195-Series Pigtails, SMA Male Right Angle / Type N Male, 20.0ft (6.1m)	33.30	29.97	26.64	23.31	19.98
CA-SMRNFBA002	195-Series Pigtails, SMA Male Right Angle / Type N Female Bulkhead, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA-SMRNFBA004	195-Series Pigtails, SMA Male Right Angle / Type N Female Bulkhead, 4.0ft (1.2m)	23.99	21.59	19.19	16.79	14.39
CA-SMRNFBA010	195-Series Pigtails, SMA Male Right Angle / Type N Female Bulkhead, 10.0ft (3.0m)	29.99	26.99	23.99	20.99	17.99
CA-SMRNFBA020	195-Series Pigtails, SMA Male Right Angle / Type N Female Bulkhead, 20.0ft (6.1m)	39.99	35.99	31.99	27.99	23.99
CA-SMRNFA002	195-Series Pigtails, SMA Male Right Angle / Type N Female, 2.0ft (0.6m)	17.99	16.19	14.39	12.59	10.79
CA-SMRNFA004	195-Series Pigtails, SMA Male Right Angle / Type N Female, 4.0ft (1.2m)	25.60	23.04	20.48	17.92	15.36
CA-SMRNFA010	195-Series Pigtails, SMA Male Right Angle / Type N Female, 10.0ft (3.0m)	29.20	26.86	24.53	22.19	19.86
CA-SMRNFA020	195-Series Pigtails, SMA Male Right Angle / Type N Female, 20.0ft (6.1m)	35.20	32.38	29.57	26.75	23.94
CA-SMNFBA002	195-Series Pigtails, SMA Male / Type N Female Bulkhead, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA-SMNFBA004	195-Series Pigtails, SMA Male / Type N Female Bulkhead, 4.0ft (1.2m)	26.80	24.12	21.44	18.76	16.08
CA-SMNFBA010	195-Series Pigtails, SMA Male / Type N Female Bulkhead, 10.0ft (3.0m)	30.40	27.36	24.32	21.28	18.24
CA-SMNFBA020	195-Series Pigtails, SMA Male / Type N Female Bulkhead, 20.0ft (6.1m)	36.40	32.76	29.12	25.48	21.84
CA-SMNFA002	195-Series Pigtails, SMA Male / Type N Female, 2.0ft (0.6m)	14.99	13.49	11.99	10.49	8.99
CA-SMNFA004	195-Series Pigtails, SMA Male / Type N Female, 4.0ft (1.2m)	15.99	14.39	12.79	11.19	9.59
CA-SMNFA010	195-Series Pigtails, SMA Male / Type N Female, 10.0ft (3.0m)	18.99	17.09	15.19	13.29	11.39
CA-SMNFA020	195-Series Pigtails, SMA Male / Type N Female, 20.0ft (6.1m)	23.99	21.59	19.19	16.79	14.39
CA-SSMNMAN06	195-Series Pigtails, Shrouded SMA Male / Type N Male, 6.0" (15 cm)	10.49	9.44	8.39	7.34	CALL
CA-SSMNMA002	195-Series Pigtails, Shrouded SMA Male / Type N Male, 2.0ft (0.6m)	15.99	14.71	13.43	12.15	10.87
CA-SSMNFAN06	195-Series Pigtails, Shrouded SMA Male / Type N Female, 6.0" (15 cm)	10.49	9.44	8.39	7.34	CALL
CA-TMNMA002	195-Series Pigtails, TNC Male / Type N Male, 2.0ft (0.6m)	14.99	13.49	11.99	10.49	8.99
CA-TMNMA004	195-Series Pigtails, TNC Male / Type N Male, 4.0ft (1.2m)	15.99	14.39	12.79	11.19	9.59
CA-TMNMA010	195-Series Pigtails, TNC Male / Type N Male, 10.0ft (3.0m)	18.99	17.09	15.19	13.29	11.39
CA-TMNMA020	195-Series Pigtails, TNC Male / Type N Male, 20.0ft (6.1m)	23.99	21.59	19.19	16.79	14.39
CA-TMNFA002	195-Series Pigtails, TNC Male / Type N Female, 2.0ft (0.6m)	16.99	15.29	13.59	11.89	10.19
CA-TMNFA004	195-Series Pigtails, TNC Male / Type N Female, 4.0ft (1.2m)	17.80	16.02	14.24	12.46	10.68
CA-TMNFA010	195-Series Pigtails, TNC Male / Type N Female, 10.0ft (3.0m)	21.99	19.79	17.59	15.39	13.19
CA-TMNFA020	195-Series Pigtails, TNC Male / Type N Female, 20.0ft (6.1m)	29.99	26.99	23.99	20.99	17.99
CA-WMNMA002	195-Series Pigtails, WaveRider Male / Type N Male, 2.0ft (0.6m)	16.99	15.63	14.27	12.91	11.55
CA-WMNMA004	195-Series Pigtails, WaveRider Male / Type N Male, 4.0ft (1.2m)	17.89	16.46	15.03	13.60	12.17
CA-WMNMA005	195-Series Pigtails, WaveRider Male / Type N Male, 5.0ft (1.5m)	18.24	16.78	15.32	13.86	12.40
CA-WMNMA010	195-Series Pigtails, WaveRider Male / Type N Male, 10.0ft (3.0m)	20.59	18.94	17.30	15.65	14.00
CA-WMNMA020	195-Series Pigtails, WaveRider Male / Type N Male, 20.0ft (6.1m)	29.99	27.59	25.19	22.79	20.39
CA-WMNFA002	195-Series Pigtails, WaveRider Male / Type N Female, 2.0ft (0.6m)	16.99	15.63	14.27	12.91	11.55
CA-WMNFA004	195-Series Pigtails, WaveRider Male / Type N Female, 4.0ft (1.2m)	17.89	16.46	15.03	13.60	12.17
CA-WMNFA010	195-Series Pigtails, WaveRider Male / Type N Female, 10.0ft (3.0m)	20.59	18.94	17.30	15.65	14.00
CA-WMNFA020	195-Series Pigtails, WaveRider Male / Type N Female, 20.0ft (6.1m)	29.99	27.59	25.19	22.79	20.39

LOW-LOSS CABLES

CA-RTPNMA002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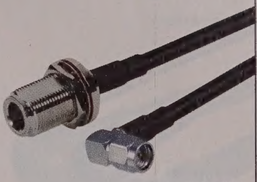
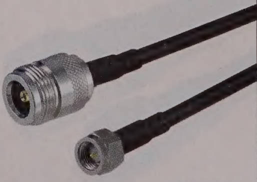

CA-SMRNFBA002

CA-TMNMA002


CA-WMNFA002

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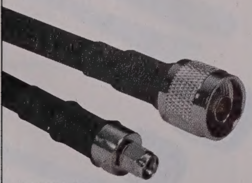
LOW-LOSS CABLES

CA-RSPNME002

CA-NMNMT002

CA-RTPNFT002


CA4NMRSF002

CA4RTPRTP010

☑RoHS 200-Series 50 Ohm Coaxial Pigtails

200 Series

50 Ohm Impedance

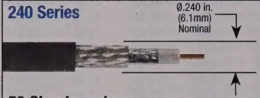
200 Series Low-Loss Cable
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid (90% coverage)
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	9.9	32.6
1800	14.2	46.6
2500	16.9	55.4
5800	26.4	86.5

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-NMNME002	200-Series Cable, Type N Male / Type N Male, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-NMNME004	200-Series Cable, Type N Male / Type N Male, 4.0ft (1.2m)	26.00	23.40	20.80	18.20	15.60
CA-NMNME010	200-Series Cable, Type N Male / Type N Male, 10.0ft (3.0m)	29.00	26.10	23.20	20.30	17.40
CA-NMNME020	200-Series Cable, Type N Male / Type N Male, 20.0ft (6.1m)	34.00	30.60	27.20	23.80	20.40
CA-NMNME050	200-Series Cable, Type N Male / Type N Male, 50.0ft (15.2m)	48.00	43.20	38.40	33.60	28.80
CA-NMNFE002	200-Series Cable, Type N Male / Type N Female, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-NMNFE004	200-Series Cable, Type N Male / Type N Female, 4.0ft (1.2m)	26.00	23.40	20.80	18.20	15.60
CA-NMNFE010	200-Series Cable, Type N Male / Type N Female, 10.0ft (3.0m)	29.00	26.10	23.20	20.30	17.40
CA-NMNFE020	200-Series Cable, Type N Male / Type N Female, 20.0ft (6.1m)	34.00	30.60	27.20	23.80	20.40
CA-RSPNME002	200-Series Cable, Reverse Polarity SMA Plug / Type N Male, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-RSPNME004	200-Series Cable, Reverse Polarity SMA Plug / Type N Male, 4.0ft (1.2m)	26.00	23.40	20.80	18.20	15.60
CA-RSPNME010	200-Series Cable, Reverse Polarity SMA Plug / Type N Male, 10.0ft (3.0m)	29.00	26.10	23.20	20.30	17.40
CA-RSPNME020	200-Series Cable, Reverse Polarity SMA Plug / Type N Male, 20.0ft (6.1m)	34.00	30.60	27.20	23.80	20.40
CA-RTPNME002	200-Series Cable, Reverse Polarity TNC Plug / Type N Male, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-RTPNME004	200-Series Cable, Reverse Polarity TNC Plug / Type N Male, 4.0ft (1.2m)	26.00	23.40	20.80	18.20	15.60
CA-RTPNME010	200-Series Cable, Reverse Polarity TNC Plug / Type N Male, 10.0ft (3.0m)	29.00	26.10	23.20	20.30	17.40
CA-RTPNME020	200-Series Cable, Reverse Polarity TNC Plug / Type N Male, 20.0ft (6.1m)	34.00	30.60	27.20	23.80	20.40

☑RoHS 240-Series 50 Ohm Coaxial Pigtails

240 Series



50 Ohm Impedance

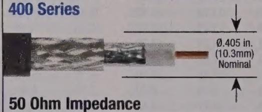
240 Series Low-Loss Cable
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	7.6	24.8
1800	10.9	35.6
2500	12.9	45.4
5800	20.4	66.8

CA-NMNMT002	240-Series Cable, Type N Male / Type N Male, 2.0ft (0.6m)	20.55	18.50	16.44	14.38	12.33
CA-NMNMT004	240-Series Cable, Type N Male / Type N Male, 4.0ft (1.2m)	22.45	20.20	17.96	15.71	13.47
CA-NMNMT010	240-Series Cable, Type N Male / Type N Male, 10.0ft (3.0m)	28.10	25.29	22.48	19.67	16.86
CA-NMNMT020	240-Series Cable, Type N Male / Type N Male, 20.0ft (6.1m)	37.50	33.75	30.00	26.25	22.50
CA-NMNFT002	240-Series Cable, Type N Male / Type N Female, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-NMNFT004	240-Series Cable, Type N Male / Type N Female, 4.0ft (1.2m)	27.00	24.30	21.60	18.90	16.20
CA-NMNFT010	240-Series Cable, Type N Male / Type N Female, 10.0ft (3.0m)	33.00	29.70	26.40	23.10	19.80
CA-NMNFT020	240-Series Cable, Type N Male / Type N Female, 20.0ft (6.1m)	43.00	38.70	34.40	30.10	25.80
CA-RTPNMT002	240-Series Cable, Reverse Polarity TNC Plug / Type N Male, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	CALL
CA-RTPNMT004	240-Series Cable, Reverse Polarity TNC Plug / Type N Male, 4.0ft (1.2m)	27.00	24.30	21.60	18.90	16.20
CA-RTPNMT010	240-Series Cable, Reverse Polarity TNC Plug / Type N Male, 10.0ft (3.0m)	33.00	29.70	26.40	23.10	19.80
CA-RTPNMT020	240-Series Cable, Reverse Polarity TNC Plug / Type N Male, 20.0ft (6.1m)	43.00	38.70	34.40	30.10	25.80
CA-RTPNFT002	240-Series Cable, Reverse Polarity TNC Plug / Type N Female, 2.0ft (0.6m)	25.00	22.50	20.00	17.50	15.00
CA-RTPNFT004	240-Series Cable, Reverse Polarity TNC Plug / Type N Female, 4.0ft (1.2m)	27.00	24.30	21.60	18.90	16.20
CA-RTPNFT010	240-Series Cable, Reverse Polarity TNC Plug / Type N Female, 10.0ft (3.0m)	33.00	29.70	26.40	23.10	19.80
CA-RTPNFT020	240-Series Cable, Reverse Polarity TNC Plug / Type N Female, 20.0ft (6.1m)	43.00	38.70	34.40	30.10	25.80
CA-SMNMT002	240-Series Cable, SMA Male / Type N Male, 2.0ft (0.6m)	20.55	18.50	16.44	14.38	12.33
CA-SMNMT004	240-Series Cable, SMA Male / Type N Male, 4.0ft (1.2m)	22.45	20.20	17.96	15.71	13.47
CA-SMNMT010	240-Series Cable, SMA Male / Type N Male, 10.0ft (3.0m)	28.10	25.29	22.48	19.67	16.86
CA-SMNMT020	240-Series Cable, SMA Male / Type N Male, 20.0ft (6.1m)	37.50	33.75	30.00	26.25	22.50

☑RoHS 400-Series 50 Ohm Coaxial Assemblies

400 Series



50 Ohm Impedance

400 Series Low-Loss Cable
- Center Conductor: Copper clad aluminum
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene (Kynar for Plenum Rated)
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	3.9	12.8
1800	5.7	18.6
2500	6.8	22.2
5800	10.8	35.5

CA4RNPNM010	400-Series Cable, Reverse Polarity Type N Plug / Type N Male, 10.0ft (3.0m)	22.99	21.15	19.31	17.47	15.63
CA4RNPRNP075	400-Series Cable, Rev. Polarity Type N Plug / Rev. Polarity Type N Plug, 75.0ft (22.9m)	89.99	82.79	75.59	68.39	61.19
CA4NMRSF002	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4NMRSF010	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 10.0ft (3.0m)	27.99	25.19	22.39	19.59	16.79
CA4NMRSF020	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 20.0ft (6.1m)	34.99	31.49	27.99	24.49	20.99
CA4NMRSF025	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 25.0ft (7.6m)	39.99	35.99	31.99	27.99	23.99
CA4NMRSF030	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 30.0ft (9.0m)	44.99	40.49	35.99	31.49	26.99
CA4NMRSF050	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 50.0ft (15.2m)	49.99	44.99	39.99	34.99	29.99
CA4NMRSF075	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 75.0ft (22.9m)	87.99	79.19	70.39	61.59	52.79
CA4NMRSF100	400-Series Cable, Reverse Polarity SMA Plug / Type N Male, 100.0ft (30.5m)	119.99	110.39	100.79	91.19	81.59
CA4RTMRTF002	400-Series Cable, Reverse Polarity TNC Jack / Rev. Polarity TNC Plug, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4RTMRTF010	400-Series Cable, Reverse Polarity TNC Jack / Rev. Polarity TNC Plug, 10.0ft (3.0m)	27.99	25.19	22.39	19.59	16.79
CA4RTMRTF020	400-Series Cable, Reverse Polarity TNC Jack / Rev. Polarity TNC Plug, 20.0ft (6.1m)	44.99	40.49	35.99	31.49	26.99
CA4RTMRTF025	400-Series Cable, Reverse Polarity TNC Jack / Rev. Polarity TNC Plug, 25.0ft (7.6m)	49.99	44.99	39.99	34.99	29.99
CA4RTMRTF050	400-Series Cable, Reverse Polarity TNC Jack / Rev. Polarity TNC Plug, 50.0ft (15.2m)	69.99	62.99	55.99	48.99	41.99
CA4RTPRTP002	400-Series Cable, Reverse Polarity TNC Plug / Rev. Polarity TNC Plug, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4RTPRTP010	400-Series Cable, Reverse Polarity TNC Plug / Rev. Polarity TNC Plug, 10.0ft (3.0m)	22.99	20.69	18.39	16.09	13.79
CA4RTPRTP050	400-Series Cable, Reverse Polarity TNC Plug / Rev. Polarity TNC Plug, 50.0ft (15.2m)	44.99	43.19	41.39	38.24	33.74
CA4NMRTF002	400-Series Cable, Reverse Polarity TNC Plug / Type N Male, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4NMRTF010	400-Series Cable, Reverse Polarity TNC Plug / Type N Male, 10.0ft (3.0m)	27.99	25.19	22.39	19.59	16.79
CA4NMRTF020	400-Series Cable, Reverse Polarity TNC Plug / Type N Male, 20.0ft (6.1m)	39.99	35.99	31.99	27.99	23.99

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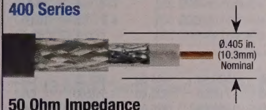
Item #	Description	1-9	10-24	25-99	100-249	250-499
CA4NMRTF025	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 25.0ft (7.6m)	39.99	35.99	31.99	27.99	23.99
CA4NMRTF050	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 50.0ft (15.2m)	49.99	44.99	39.99	34.99	29.99
CA4NMRTF100	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 100.0ft (30.5m)	119.99	110.39	100.79	91.19	81.59
CA4NMRRSP002	400-Series Cable, Type N Male Right Angle / Rev. Polarity SMA Plug, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4NMRRTP002	400-Series Cable, Type N Male Right Angle / Rev. Polarity TNC Plug, 2.0ft (0.6m)	21.99	19.79	17.59	15.39	13.19
CA4N002	400-Series Cable, Type N Male / Type N Female, 2.0ft (0.6m)	20.99	18.89	16.79	14.69	12.59
CA4N010	400-Series Cable, Type N Male / Type N Female, 10.0ft (3.0m)	25.99	23.39	20.79	18.19	15.59
CA4N020	400-Series Cable, Type N Male / Type N Female, 20.0ft (6.1m)	30.99	27.89	24.79	21.69	18.59
CA4N025	400-Series Cable, Type N Male / Type N Female, 25.0ft (7.6m)	35.99	32.39	28.79	25.19	21.59
CA4N050	400-Series Cable, Type N Male / Type N Female, 50.0ft (15.2m)	61.99	55.79	49.59	43.39	37.19
CA4N100	400-Series Cable, Type N Male / Type N Female, 100.0ft (30.5m)	120.99	111.31	101.63	91.95	82.27
CA3N002	400-Series Cable, Type N Male / Type N Male, 2.0ft (0.6m)	19.99	17.99	15.99	13.99	11.99
CA3N010	400-Series Cable, Type N Male / Type N Male, 10.0ft (3.0m)	24.99	22.49	19.99	17.49	14.99
CA3N020	400-Series Cable, Type N Male / Type N Male, 20.0ft (6.1m)	29.99	26.99	23.99	20.99	17.99
CA3N025	400-Series Cable, Type N Male / Type N Male, 25.0ft (7.6m)	34.99	31.49	27.99	24.49	20.99
CA3N030	400-Series Cable, Type N Male / Type N Male, 30.0ft (9.0m)	40.45	36.41	32.36	28.32	24.27
CA3N040	400-Series Cable, Type N Male / Type N Male, 40.0ft (12.0m)	50.50	45.45	40.40	35.35	30.30
CA3N050	400-Series Cable, Type N Male / Type N Male, 50.0ft (15.2m)	60.99	54.89	48.79	42.69	36.59
CA3N075	400-Series Cable, Type N Male / Type N Male, 75.0ft (22.9m)	87.99	79.19	70.39	61.59	52.79
CA3N100	400-Series Cable, Type N Male / Type N Male, 100.0ft (30.5m)	119.99	107.99	95.99	83.99	71.99
CA-NMRNMF002	400-Series Cable, Type N Male Right Angle / Type N Male, 2.0ft (0.6m)	18.99	17.09	15.19	13.29	CALL
CA-NMRNMF010	400-Series Cable, Type N Male Right Angle / Type N Male, 10.0ft (3.0m)	22.99	20.69	18.39	16.09	CALL
CA-NMRNMF025	400-Series Cable, Type N Male Right Angle / Type N Male, 25.0ft (7.6m)	34.99	31.49	27.99	24.49	CALL
CA-NMRNMF050	400-Series Cable, Type N Male Right Angle / Type N Male, 50.0ft (15.2m)	44.99	40.49	35.99	31.49	CALL
CA4NMSM002	400-Series Cable, SMA Male / Type N Male, 2.0ft (0.6m)	24.99	22.49	19.99	17.49	14.99
CA4NMSM010	400-Series Cable, SMA Male / Type N Male, 10.0ft (3.0m)	29.99	26.99	23.99	20.99	17.99
CA4NMSM025	400-Series Cable, SMA Male / Type N Male, 25.0ft (7.6m)	49.99	44.99	39.99	34.99	29.99

☑RoHS 400-Series Ultra Flex 50 Ohm Coaxial Assemblies

L-com's 400-Series Ultra Flex coax cable assemblies are ideal for indoor or outdoor applications that require maximum flexibility due to curves, bends and twists.

400 Series



50 Ohm Impedance

400 Series Ultra Flex Low-Loss Cable

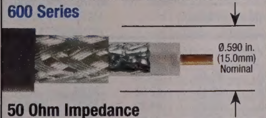
- Center Conductor: Copper clad aluminum
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Black Thermoplastic Elastomer
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	4.7	15.4
1800	6.8	22.3
2500	8.1	26.6
5800	13.0	42.6

CA-NMNMH005	400-Series Cable, Type N Male / Type N Male, 5.0ft (1.5m)	22.25	20.91	19.58	18.25	16.91
CA-NMNMH010	400-Series Cable, Type N Male / Type N Male, 10.0ft (3.0m)	30.95	29.09	27.24	25.38	23.52
CA-NMNMH015	400-Series Cable, Type N Male / Type N Male, 15.0ft (4.6m)	39.80	37.41	35.02	32.64	30.25
CA-NMNMH025	400-Series Cable, Type N Male / Type N Male, 25.0ft (7.6m)	58.80	55.27	51.74	48.22	44.69
CA-NMNMH050	400-Series Cable, Type N Male / Type N Male, 50.0ft (15.2m)	102.90	96.73	90.55	84.38	78.20
CA-NMNMH075	400-Series Cable, Type N Male / Type N Male, 75.0ft (22.9m)	149.60	140.62	131.65	122.67	113.70
CA-NMNMH100	400-Series Cable, Type N Male / Type N Male, 100.0ft (30.5m)	193.70	182.08	170.46	158.83	147.21
CA-NMNFH005	400-Series Cable, Type N Male / Type N Female, 5.0ft (1.5m)	21.90	20.59	19.27	17.96	16.64
CA-NMNFH010	400-Series Cable, Type N Male / Type N Female, 10.0ft (3.0m)	30.60	28.76	26.93	25.09	23.26
CA-NMNFH015	400-Series Cable, Type N Male / Type N Female, 15.0ft (4.6m)	39.45	37.08	34.72	32.35	29.98
CA-NMNFH025	400-Series Cable, Type N Male / Type N Female, 25.0ft (7.6m)	58.50	54.99	51.48	47.97	44.46
CA-NMNFH050	400-Series Cable, Type N Male / Type N Female, 50.0ft (15.2m)	102.65	96.49	90.33	84.17	78.01
CA-NMNFH075	400-Series Cable, Type N Male / Type N Female, 75.0ft (22.9m)	149.25	140.29	131.34	122.39	113.43
CA-NMNFH100	400-Series Cable, Type N Male / Type N Female, 100.0ft (30.5m)	193.40	181.80	170.19	158.59	146.98
CA-NMRTPH005	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 5.0ft (1.5m)	21.50	20.21	18.92	17.63	16.34
CA-NMRTPH010	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 10.0ft (3.0m)	30.20	28.39	26.58	24.76	22.95
CA-NMRTPH015	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 15.0ft (4.6m)	39.00	36.66	34.32	31.98	29.64
CA-NMRTPH025	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 25.0ft (7.6m)	58.05	54.57	51.08	47.60	44.12
CA-NMRTPH050	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 50.0ft (15.2m)	102.20	96.07	89.94	83.80	77.67
CA-NMRTPH075	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 75.0ft (22.9m)	148.80	139.87	130.94	122.02	113.09
CA-NMRTPH100	400-Series Cable, Type N Male / Reverse Polarity TNC Plug, 100.0ft (30.5m)	192.95	181.37	169.80	158.22	146.64
CA-NMRSPH005	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 5.0ft (1.5m)	21.30	20.02	18.74	17.47	16.19
CA-NMRSPH010	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 10.0ft (3.0m)	30.00	28.20	26.40	24.60	22.80
CA-NMRSPH015	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 15.0ft (4.6m)	38.80	36.47	34.14	31.82	29.49
CA-NMRSPH025	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 25.0ft (7.6m)	57.80	54.33	50.86	47.40	43.93
CA-NMRSPH050	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 50.0ft (15.2m)	102.00	95.88	89.76	83.64	77.52
CA-NMRSPH075	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 75.0ft (22.9m)	148.60	139.68	130.77	121.85	112.94
CA-NMRSPH100	400-Series Cable, Type N Male / Reverse Polarity SMA Plug, 100.0ft (30.5m)	192.75	181.19	169.62	158.06	146.49

☑RoHS 600-Series 50 Ohm Coaxial Assemblies

600 Series



50 Ohm Impedance

600 Series Low-Loss Cable

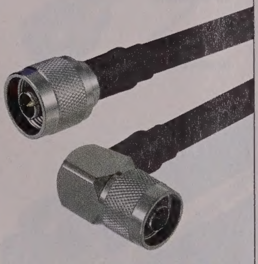
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	2.5	8.2
1800	3.7	12.1
2500	4.4	14.5
5800	7.3	23.8

CA-6NMNM010	600-Series Cable, Type N Male / Type N Male, 10.0ft (3.0m)	52.00	46.80	41.60	36.40	31.20
CA-6NMNM025	600-Series Cable, Type N Male / Type N Male, 25.0ft (7.6m)	70.00	63.00	56.00	49.00	42.00
CA-6NMNM050	600-Series Cable, Type N Male / Type N Male, 50.0ft (15.2m)	100.00	92.00	84.00	76.00	68.00
CA-6NMNM075	600-Series Cable, Type N Male / Type N Male, 75.0ft (22.9m)	130.00	119.60	109.20	98.80	88.40
CA-6NMNM100	600-Series Cable, Type N Male / Type N Male, 100.0ft (30.5m)	160.00	147.20	134.40	121.60	108.80
CA-6NMNM125	600-Series Cable, Type N Male / Type N Male, 125.0ft (38.1m)	242.50	218.25	194.00	169.75	145.50
CA-6NMNM150	600-Series Cable, Type N Male / Type N Male, 150.0ft (45.7m)	220.00	202.40	184.80	167.20	149.60

LOW-LOSS CABLES

CA4NMRTF025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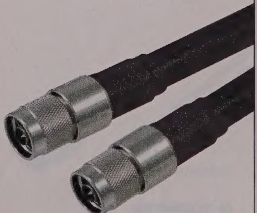
CA-NMNMH005

CA-NMRSPH015


CA-6NMNM010

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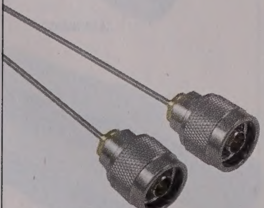
LOW-LOSS CABLES

CA-6RTPNM010

CA-9NMNF025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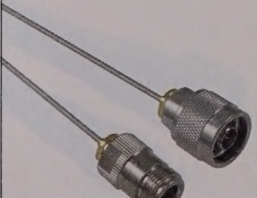

CA-085SCNMNF006

☑RoHS 600-Series 50 Ohm Coaxial Assemblies

600 Series

50 Ohm Impedance

600 Series Low-Loss Cable

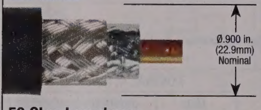
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	2.5	8.2
1800	3.7	12.1
2500	4.4	14.5
5800	7.3	23.8

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-6NMNM200	600-Series Cable, Type N Male / Type N Male, 200.0ft (60.1m)	280.00	257.60	235.20	212.80	190.40
CA-6NMNM250	600-Series Cable, Type N Male / Type N Male, 250.0ft (75.3m)	340.00	312.80	285.60	258.40	231.20
CA-6NMNF025	600-Series Cable, Type N Male / Type N Female, 25.0ft (7.6m)	70.00	64.40	58.80	53.20	47.60
CA-6NMNF050	600-Series Cable, Type N Male / Type N Female, 50.0ft (15.2m)	100.00	92.00	84.00	76.00	68.00
CA-6NMNF075	600-Series Cable, Type N Male / Type N Female, 75.0ft (22.9m)	130.00	119.60	109.20	98.80	88.40
CA-6NMNF100	600-Series Cable, Type N Male / Type N Female, 100.0ft (30.5m)	160.00	147.20	134.40	121.60	108.80
CA-6NMNF150	600-Series Cable, Type N Male / Type N Female, 150.0ft (45.7m)	220.00	202.40	184.80	167.20	149.60
CA-6NMNF200	600-Series Cable, Type N Male / Type N Female, 200.0ft (60.1m)	280.00	257.60	235.20	212.80	190.40
CA-6RTPNM010	600-Series Cable, Reverse Polarity TNC Plug / Type N Male, 10.0ft (3.0m)	62.00	57.04	52.08	47.12	42.16
CA-6RTPNM025	600-Series Cable, Reverse Polarity TNC Plug / Type N Male, 25.0ft (7.6m)	70.00	64.40	58.80	53.20	47.60
CA-6RTPNM050	600-Series Cable, Reverse Polarity TNC Plug / Type N Male, 50.0ft (15.2m)	100.00	92.00	84.00	76.00	68.00
CA-6RTPNM075	600-Series Cable, Reverse Polarity TNC Plug / Type N Male, 75.0ft (22.9m)	130.00	119.60	109.20	98.80	88.40
CA-6RTPNM100	600-Series Cable, Reverse Polarity TNC Plug / Type N Male, 100.0ft (30.5m)	205.00	188.60	172.20	155.80	139.40

☑RoHS 900-Series 50 Ohm Coaxial Assemblies

900 Series



50 Ohm Impedance

900 Series Low-Loss Cable

- Center Conductor: BC Tube
- Shielding: Aluminum tape + tinned copper braid
- Insulation: Foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	1.7	5.6
1800	2.5	8.2
2500	2.9	9.8
5800	4.9	16.0

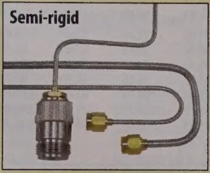
Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-9NMNF025	900-Series Cable, Type N Male / Type N Female, 25.0ft (7.6m)	556.00	500.40	444.80	389.20	CALL
CA-9NMNF050	900-Series Cable, Type N Male / Type N Female, 50.0ft (15.2m)	798.00	718.20	638.40	558.60	CALL
CA-9NMNF075	900-Series Cable, Type N Male / Type N Female, 75.0ft (22.9m)	1220.00	1098.00	976.00	854.00	CALL
CA-9NMNF100	900-Series Cable, Type N Male / Type N Female, 100.0ft (30.5m)	1550.00	1395.00	1240.00	1085.00	CALL
CA-9NMNM025	900-Series Cable, Type N Male / Type N Male, 25.0ft (7.6m)	556.00	500.40	444.80	389.20	CALL
CA-9NMNM050	900-Series Cable, Type N Male / Type N Male, 50.0ft (15.2m)	798.00	718.20	638.40	558.60	CALL
CA-9NMNM075	900-Series Cable, Type N Male / Type N Male, 75.0ft (22.9m)	1220.00	1098.00	976.00	854.00	CALL
CA-9NMNM100	900-Series Cable, Type N Male / Type N Male, 100.0ft (30.5m)	1550.00	1395.00	1240.00	1085.00	CALL

Semi-Rigid and Formable 50 Ohm Coaxial Assemblies

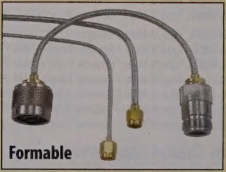
L-com offers quality crafted Semi-Rigid and Formable coax cable assemblies for use in a wide array of applications. These cable assemblies are designed, manufactured and tested using state of the art equipment to ensure the highest quality to our customers.

Have custom cable requirements? We can custom build your Semi-Rigid and Formable cable assemblies using the very best in forming and stripping equipment. In addition to our standard cable types, we can build cable assemblies using Semi-Rigid Low-Loss Aluminum or Copper cable from sizes of .047 (1.2mm) to .250 (6.4mm) with a wide array of available connector types. Contact us today with your custom cable requirements.

Tip *What is the difference between Semi-Rigid and Formable cable?*



Semi-rigid cable is a coaxial form using a solid copper outer sheath. This type of coax offers superior screening compared to cables with a braided outer conductor, especially at higher frequencies. The major disadvantage is that the cable, as its name implies, is not very flexible, and is not intended to be flexed after initial forming. This type of cable is also called "hard line" cable.



Formable cable is a flexible reformable alternative to semi-rigid coaxial cable used where flexibility is required. Formable cable can be stripped and formed by hand without the need for specialist tools, similar to standard coaxial cable. Also this cable type is ideal for laying out and designing pre-bent semi-rigid assemblies.

.085 (2.2mm) Semi-Rigid Tin Plated Copper 50 Ohm Coaxial Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-085SCNMNM006	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Male, 6" (152.4mm)	45.20	42.49	39.78	37.06	34.35
CA-085SCNMNM012	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Male, 12" (304.8mm)	48.35	45.45	42.55	39.65	36.75
CA-085SCNMNM018	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Male, 18" (457.2mm)	51.50	48.41	45.32	42.23	39.14
CA-085SCNMNM024	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Male, 24" (609.6mm)	54.65	51.37	48.09	44.81	41.53
CA-085SCNMNM036	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Male, 36" (914.4mm)	60.90	57.25	53.59	49.94	46.28
CA-085SCNMNF006	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Female, 6" (152.4mm)	43.70	41.08	38.46	35.83	33.21
CA-085SCNMNF012	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Female, 12" (304.8mm)	46.85	44.04	41.23	38.42	35.61
CA-085SCNMNF018	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Female, 18" (457.2mm)	50.00	47.00	44.00	41.00	38.00
CA-085SCNMNF024	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Female, 24" (609.6mm)	53.10	49.91	46.73	43.54	40.36
CA-085SCNMNF036	.085 (2.2mm) Semi-Rigid Cable, Type N Male / Type N Female, 36" (914.4mm)	59.40	55.84	52.27	48.71	45.14

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.085 (2.2mm) Semi-Rigid Tin Plated Copper 50 Ohm Coaxial Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-085SCNMSM006	.085 (2.2mm) Semi-Rigid Cable, Type N Male / SMA Male, 6" (152.4mm)	46.05	43.29	40.52	37.76	35.00
CA-085SCNMSM012	.085 (2.2mm) Semi-Rigid Cable, Type N Male / SMA Male, 12" (304.8mm)	49.20	46.25	43.30	40.34	37.39
CA-085SCNMSM018	.085 (2.2mm) Semi-Rigid Cable, Type N Male / SMA Male, 18" (457.2mm)	52.35	49.21	46.07	42.93	39.79
CA-085SCNMSM024	.085 (2.2mm) Semi-Rigid Cable, Type N Male / SMA Male, 24" (609.6mm)	55.50	52.17	48.84	45.51	42.18
CA-085SCNMSM036	.085 (2.2mm) Semi-Rigid Cable, Type N Male / SMA Male, 36" (914.4mm)	61.75	58.04	54.34	50.64	46.93
CA-085SCSMSM006	.085 (2.2mm) Semi-Rigid Cable, SMA Male / SMA Male, 6" (152.4mm)	45.45	42.72	40.00	37.27	34.54
CA-085SCSMSM012	.085 (2.2mm) Semi-Rigid Cable, SMA Male / SMA Male, 12" (304.8mm)	48.60	45.68	42.77	39.85	36.94
CA-085SCSMSM018	.085 (2.2mm) Semi-Rigid Cable, SMA Male / SMA Male, 18" (457.2mm)	51.75	48.64	45.54	42.44	39.33
CA-085SCSMSM024	.085 (2.2mm) Semi-Rigid Cable, SMA Male / SMA Male, 24" (609.6mm)	54.90	51.61	48.31	45.02	41.72
CA-085SCSMSM036	.085 (2.2mm) Semi-Rigid Cable, SMA Male / SMA Male, 36" (914.4mm)	61.15	57.48	53.81	50.14	46.47

CA-085FNMNF006

.085 (2.2mm) Formable 50 Ohm Coaxial Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-085FNMNM006	.085 (2.2mm) Formable Cable, Type N Male / Type N Male, 6" (152.4mm)	45.30	42.58	39.86	37.15	34.43
CA-085FNMNM012	.085 (2.2mm) Formable Cable, Type N Male / Type N Male, 12" (304.8mm)	48.45	45.54	42.64	39.73	36.82
CA-085FNMNM018	.085 (2.2mm) Formable Cable, Type N Male / Type N Male, 18" (457.2mm)	51.65	48.55	45.45	42.35	39.25
CA-085FNMNM024	.085 (2.2mm) Formable Cable, Type N Male / Type N Male, 24" (609.6mm)	54.85	51.56	48.27	44.98	41.69
CA-085FNMNM036	.085 (2.2mm) Formable Cable, Type N Male / Type N Male, 36" (914.4mm)	61.25	57.57	53.90	50.23	46.55
CA-085FNMNF006	.085 (2.2mm) Formable Cable, Type N Male / Type N Female, 6" (152.4mm)	43.75	41.13	38.50	35.88	33.25
CA-085FNMNF012	.085 (2.2mm) Formable Cable, Type N Male / Type N Female, 12" (304.8mm)	47.00	44.18	41.36	38.54	35.72
CA-085FNMNF018	.085 (2.2mm) Formable Cable, Type N Male / Type N Female, 18" (457.2mm)	50.15	47.14	44.13	41.12	38.11
CA-085FNMNF024	.085 (2.2mm) Formable Cable, Type N Male / Type N Female, 24" (609.6mm)	53.30	50.10	46.90	43.71	40.51
CA-085FNMNF036	.085 (2.2mm) Formable Cable, Type N Male / Type N Female, 36" (914.4mm)	59.70	56.12	52.54	48.95	45.37
CA-085FNMSM006	.085 (2.2mm) Formable Cable, Type N Male / SMA Male, 6" (152.4mm)	46.10	43.33	40.57	37.80	35.04
CA-085FNMSM012	.085 (2.2mm) Formable Cable, Type N Male / SMA Male, 12" (304.8mm)	49.30	46.34	43.38	40.43	37.47
CA-085FNMSM018	.085 (2.2mm) Formable Cable, Type N Male / SMA Male, 18" (457.2mm)	52.50	49.35	46.20	43.05	39.90
CA-085FNMSM024	.085 (2.2mm) Formable Cable, Type N Male / SMA Male, 24" (609.6mm)	55.70	52.36	49.02	45.67	42.33
CA-085FNMSM036	.085 (2.2mm) Formable Cable, Type N Male / SMA Male, 36" (914.4mm)	62.10	58.37	54.65	50.92	47.20
CA-085FSMSM006	.085 (2.2mm) Formable Cable, SMA Male / SMA Male, 6" (152.4mm)	45.50	42.77	40.04	37.31	34.58
CA-085FSMSM012	.085 (2.2mm) Formable Cable, SMA Male / SMA Male, 12" (304.8mm)	48.70	45.78	42.86	39.93	37.01
CA-085FSMSM018	.085 (2.2mm) Formable Cable, SMA Male / SMA Male, 18" (457.2mm)	51.90	48.79	45.67	42.56	39.44
CA-085FSMSM024	.085 (2.2mm) Formable Cable, SMA Male / SMA Male, 24" (609.6mm)	55.10	51.79	48.49	45.18	41.88
CA-085FSMSM036	.085 (2.2mm) Formable Cable, SMA Male / SMA Male, 36" (914.4mm)	61.50	57.81	54.12	50.43	46.74

CA-085FNMSM006

CA-141SCNMNF006

.141 (3.6mm) Semi-Rigid Tin Plated Copper 50 Ohm Coaxial Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-141SCNMNM006	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Male, 6" (152.4mm)	49.70	46.72	43.74	40.75	37.77
CA-141SCNMNM012	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Male, 12" (304.8mm)	53.80	50.57	47.34	44.12	40.89
CA-141SCNMNM018	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Male, 18" (457.2mm)	57.85	54.38	50.91	47.44	43.97
CA-141SCNMNM024	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Male, 24" (609.6mm)	60.50	56.87	53.24	49.61	45.98
CA-141SCNMNM036	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Male, 36" (914.4mm)	70.10	65.89	61.69	57.48	53.28
CA-141SCNMNF006	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Female, 6" (152.4mm)	47.15	44.32	41.49	38.66	35.83
CA-141SCNMNF012	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Female, 12" (304.8mm)	51.20	48.13	45.06	41.98	38.91
CA-141SCNMNF018	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Female, 18" (457.2mm)	55.30	51.98	48.66	45.35	42.03
CA-141SCNMNF024	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Female, 24" (609.6mm)	59.35	55.79	52.23	48.67	45.11
CA-141SCNMNF036	.141 (3.6mm) Semi-Rigid Cable, Type N Male / Type N Female, 36" (914.4mm)	67.50	63.45	59.40	55.35	51.30
CA-141SCNMSM006	.141 (3.6mm) Semi-Rigid Cable, Type N Male / SMA Male, 6" (152.4mm)	36.00	33.84	31.68	29.52	27.36
CA-141SCNMSM012	.141 (3.6mm) Semi-Rigid Cable, Type N Male / SMA Male, 12" (304.8mm)	40.05	37.65	35.24	32.84	30.44
CA-141SCNMSM018	.141 (3.6mm) Semi-Rigid Cable, Type N Male / SMA Male, 18" (457.2mm)	44.10	41.45	38.81	36.16	33.52
CA-141SCNMSM024	.141 (3.6mm) Semi-Rigid Cable, Type N Male / SMA Male, 24" (609.6mm)	48.20	45.31	42.42	39.52	36.63
CA-141SCNMSM036	.141 (3.6mm) Semi-Rigid Cable, Type N Male / SMA Male, 36" (914.4mm)	56.35	52.97	49.59	46.21	42.83
CA-141SCSMSM006	.141 (3.6mm) Semi-Rigid Cable, SMA Male / SMA Male, 6" (152.4mm)	30.30	28.48	26.66	24.85	23.03
CA-141SCSMSM012	.141 (3.6mm) Semi-Rigid Cable, SMA Male / SMA Male, 12" (304.8mm)	34.40	32.34	30.27	28.21	26.14
CA-141SCSMSM018	.141 (3.6mm) Semi-Rigid Cable, SMA Male / SMA Male, 18" (457.2mm)	38.45	36.14	33.84	31.53	29.22
CA-141SCSMSM024	.141 (3.6mm) Semi-Rigid Cable, SMA Male / SMA Male, 24" (609.6mm)	42.55	40.00	37.44	34.89	32.34
CA-141SCSMSM036	.141 (3.6mm) Semi-Rigid Cable, SMA Male / SMA Male, 36" (914.4mm)	50.70	47.66	44.62	41.57	38.53

CA-141SCNMSM006

CA-141FNMNF006

.141 (3.6mm) Formable 50 Ohm Coaxial Assemblies

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-141FNMNM006	.141 (3.6mm) Formable Cable, Type N Male / Type N Male, 6" (152.4mm)	49.45	46.48	43.52	40.55	37.58
CA-141FNMNM012	.141 (3.6mm) Formable Cable, Type N Male / Type N Male, 12" (304.8mm)	53.30	50.10	46.90	43.71	40.51
CA-141FNMNM018	.141 (3.6mm) Formable Cable, Type N Male / Type N Male, 18" (457.2mm)	57.10	53.67	50.25	46.82	43.40
CA-141FNMNM024	.141 (3.6mm) Formable Cable, Type N Male / Type N Male, 24" (609.6mm)	60.90	57.25	53.59	49.94	46.28
CA-141FNMNM036	.141 (3.6mm) Formable Cable, Type N Male / Type N Male, 36" (914.4mm)	68.60	64.48	60.37	56.25	52.14
CA-141FNMNF006	.141 (3.6mm) Formable Cable, Type N Male / Type N Female, 6" (152.4mm)	46.90	44.09	41.27	38.46	35.64
CA-141FNMNF012	.141 (3.6mm) Formable Cable, Type N Male / Type N Female, 12" (304.8mm)	50.70	47.66	44.62	41.57	38.53
CA-141FNMNF018	.141 (3.6mm) Formable Cable, Type N Male / Type N Female, 18" (457.2mm)	54.55	51.28	48.00	44.73	41.46
CA-141FNMNF024	.141 (3.6mm) Formable Cable, Type N Male / Type N Female, 24" (609.6mm)	58.35	54.85	51.35	47.85	44.35
CA-141FNMNF036	.141 (3.6mm) Formable Cable, Type N Male / Type N Female, 36" (914.4mm)	66.00	62.04	58.08	54.12	50.16
CA-141FNMSM006	.141 (3.6mm) Formable Cable, Type N Male / SMA Male, 6" (152.4mm)	40.50	38.07	35.64	33.21	30.78
CA-141FNMSM012	.141 (3.6mm) Formable Cable, Type N Male / SMA Male, 12" (304.8mm)	44.30	41.64	38.98	36.33	33.67
CA-141FNMSM018	.141 (3.6mm) Formable Cable, Type N Male / SMA Male, 18" (457.2mm)	48.10	45.21	42.33	39.44	36.56
CA-141FNMSM024	.141 (3.6mm) Formable Cable, Type N Male / SMA Male, 24" (609.6mm)	51.95	48.83	45.72	42.60	39.48
CA-141FNMSM036	.141 (3.6mm) Formable Cable, Type N Male / SMA Male, 36" (914.4mm)	59.60	56.02	52.45	48.87	45.30
CA-141FSMSM006	.141 (3.6mm) Formable Cable, SMA Male / SMA Male, 6" (152.4mm)	30.05	28.25	26.44	24.64	22.84
CA-141FSMSM012	.141 (3.6mm) Formable Cable, SMA Male / SMA Male, 12" (304.8mm)	33.90	31.87	29.83	27.80	25.76
CA-141FSMSM018	.141 (3.6mm) Formable Cable, SMA Male / SMA Male, 18" (457.2mm)	37.70	35.44	33.18	30.91	28.65
CA-141FSMSM024	.141 (3.6mm) Formable Cable, SMA Male / SMA Male, 24" (609.6mm)	63.90	60.07	56.23	52.40	48.56
CA-141FSMSM036	.141 (3.6mm) Formable Cable, SMA Male / SMA Male, 36" (914.4mm)	72.85	68.48	64.11	59.74	55.37

CA-141FNMSM006

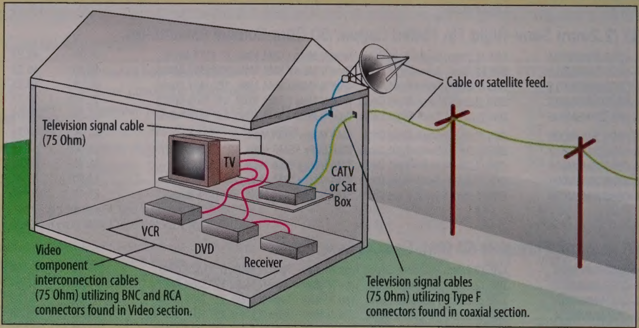
Same day shipping
Orders placed before 4:00 EST
ship the same day.

L-com® Global Connectivity

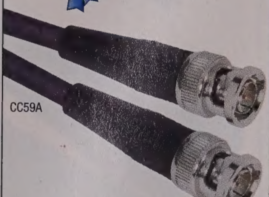
Tip

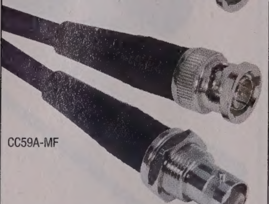
When is a 75 Ohm coaxial cable used?

The primary use of a 75 Ohm cable is to transmit a video signal. One of the typical applications is television signals over cable, sometimes called signal feed cables. The most common connector used in this application is a Type F. Another application is video signals between components such as DVD players, VCRs or Receivers commonly known as audio/video (A/V) cables. In this case BNC and RCA connectors are most often found. In both of these applications RG59 with both solid center conductor (RG59B/U) and stranded center conductor (RG59A/U) as well as RG6 are often found. The cable assemblies offered in the following section cover the most common connection situations found in both applications.


Television signal cable (75 Ohm)
TV
Cable or satellite feed.
CATV or Sat Box
VCR
DVD
Receiver
Video component interconnection cables (75 Ohm) utilizing BNC and RCA connectors found in Video section.
Television signal cables (75 Ohm) utilizing Type F connectors found in coaxial section.

Best Seller


CC59A


CC59A-MF

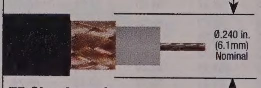
CC59A-HR

CC59A-HR2

RG59A/U - 75 Ohm Coaxial Cables with Inline Molded BNC, Type F and RCA Plugs

L-com offers a wide variety of RG59A/U cable assemblies utilizing BNC, Type F and RCA connectors. RG59A/U cable is one of the most commonly used 75 Ohm cables. In addition to inline configurations L-com offers right angle and female bulkheads. All connectors feature a molded strain relief while the Type F connector features a captivated gold plated center pin for enhanced performance. The stranded center conductor of the RG59A/U cable provides maximum flexibility.

RG59A/U



75 Ohm Impedance

RG59A/U
- Center Conductor: 22 (7 x 30) AWG bare compacted copper
- Shielding: Bare copper braid (96% coverage)
- Insulation: Foam polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.1	6.9
100	3.0	9.8
200	4.5	14.8
400	6.6	21.7
1000	10.9	35.8

RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-05	RG59A Cable, BNC Male / Male, 0.5ft (0.15m)	8.75	8.40	8.05	7.70	7.35
CC59A-1	RG59A Cable, BNC Male / Male, 1.0ft (0.3m)	9.00	8.64	8.28	7.92	7.56
CC59A-1.5	RG59A Cable, BNC Male / Male, 1.5ft (0.45m)	9.25	8.88	8.51	8.14	7.77
CC59A-2	RG59A Cable, BNC Male / Male, 2.0ft (0.6m)	9.50	9.12	8.74	8.36	7.98
CC59A-2.5	RG59A Cable, BNC Male / Male, 2.5ft (0.75m)	9.75	9.36	8.97	8.58	8.19
CC59A-3	RG59A Cable, BNC Male / Male, 3.0ft (0.9m)	10.00	9.60	9.20	8.80	8.40
CC59A-4	RG59A Cable, BNC Male / Male, 4.0ft (1.2m)	10.50	10.08	9.66	9.24	8.82
CC59A-5	RG59A Cable, BNC Male / Male, 5.0ft (1.5m)	11.00	10.56	10.12	9.68	9.24
CC59A-6	RG59A Cable, BNC Male / Male, 6.0ft (1.8m)	11.50	11.04	10.58	10.12	9.66
CC59A-7.5	RG59A Cable, BNC Male / Male, 7.5ft (2.3m)	12.25	11.76	11.27	10.78	10.29
CC59A-10	RG59A Cable, BNC Male / Male, 10.0ft (3.0m)	13.50	12.96	12.42	11.88	11.34
CC59A-12	RG59A Cable, BNC Male / Male, 12.0ft (3.7m)	14.50	13.92	13.34	12.76	12.18
CC59A-15	RG59A Cable, BNC Male / Male, 15.0ft (4.6m)	16.00	15.36	14.72	14.08	13.44
CC59A-25	RG59A Cable, BNC Male / Male, 25.0ft (7.6m)	21.00	20.16	19.32	18.48	17.64
CC59A-50	RG59A Cable, BNC Male / Male, 50.0ft (15.2m)	33.50	32.16	30.82	29.48	28.14
CC59A-75	RG59A Cable, BNC Male / Male, 75.0ft (22.9m)	46.00	44.16	42.32	40.48	38.64
CC59A-100	RG59A Cable, BNC Male / Male, 100.0ft (30.5m)	58.50	56.16	53.82	51.48	49.14
CC59A-150	RG59A Cable, BNC Male / Male, 150.0ft (45.7m)	83.50	80.16	76.82	73.48	70.14
CC59A-200	RG59A Cable, BNC Male / Male, 200.0ft (60.1m)	108.50	104.16	99.82	95.48	91.14

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC Plug to BNC Jack

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-MF-1	RG59A Cable, BNC Male / Female Bulkhead, 1.0ft (0.3m)	14.50	13.63	12.76	11.89	11.02
CC59A-MF-3	RG59A Cable, BNC Male / Female Bulkhead, 3.0ft (0.9m)	15.50	14.57	13.64	12.71	11.78
CC59A-MF-6	RG59A Cable, BNC Male / Female Bulkhead, 6.0ft (1.8m)	17.00	15.98	14.96	13.94	12.92
CC59A-MF-10	RG59A Cable, BNC Male / Female Bulkhead, 10.0ft (3.0m)	19.00	17.86	16.72	15.58	14.44
CC59A-MF-15	RG59A Cable, BNC Male / Female Bulkhead, 15.0ft (4.6m)	21.50	20.21	18.92	17.63	16.34
CC59A-MF-25	RG59A Cable, BNC Male / Female Bulkhead, 25.0ft (7.6m)	26.50	24.91	23.32	21.73	20.14
CC59A-MF-50	RG59A Cable, BNC Male / Female Bulkhead, 50.0ft (15.2m)	39.00	36.66	34.32	31.98	29.64

RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC to Right Angle BNC Plugs

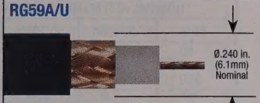
Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-1HR	RG59A Cable, BNC Male / 90° Male, 1.0ft (0.3m)	11.25	10.80	10.35	9.90	9.45
CC59A-1.5HR	RG59A Cable, BNC Male / 90° Male, 1.5ft (0.45m)	11.50	11.04	10.58	10.12	9.66
CC59A-2HR	RG59A Cable, BNC Male / 90° Male, 2.0ft (0.6m)	11.75	11.28	10.81	10.34	9.87
CC59A-2.5HR	RG59A Cable, BNC Male / 90° Male, 2.5ft (0.75m)	12.00	11.52	11.04	10.56	10.08
CC59A-3HR	RG59A Cable, BNC Male / 90° Male, 3.0ft (0.9m)	12.25	11.76	11.27	10.78	10.29
CC59A-4HR	RG59A Cable, BNC Male / 90° Male, 4.0ft (1.2m)	12.75	12.24	11.73	11.22	10.71
CC59A-5HR	RG59A Cable, BNC Male / 90° Male, 5.0ft (1.5m)	13.25	12.72	12.19	11.66	11.13
CC59A-7.5HR	RG59A Cable, BNC Male / 90° Male, 7.5ft (2.3m)	14.50	13.92	13.34	12.76	12.18
CC59A-10HR	RG59A Cable, BNC Male / 90° Male, 10.0ft (3.0m)	15.75	15.12	14.49	13.86	13.23

RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-1HR2	RG59A Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CC59A-1.5HR2	RG59A Cable, BNC 90° Male / 90° Male, 1.5ft (0.45m)	15.25	14.64	14.03	13.42	12.81
CC59A-2HR2	RG59A Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	15.50	14.88	14.26	13.64	13.02
CC59A-3HR2	RG59A Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
CC59A-4HR2	RG59A Cable, BNC 90° Male / 90° Male, 4.0ft (1.2m)	16.50	15.84	15.18	14.52	13.86
CC59A-5HR2	RG59A Cable, BNC 90° Male / 90° Male, 5.0ft (1.5m)	17.00	16.32	15.64	14.96	14.28
CC59A-7.5HR2	RG59A Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	18.25	17.52	16.79	16.06	15.33
CC59A-10HR2	RG59A Cable, BNC 90° Male / 90° Male, 10.0ft (3.0m)	19.50	18.72	17.94	17.16	16.38

> "I always look forward to receiving The L-com newsletter! I love the "how to" articles and tips that are included along with the great prices. Don't change a thing!" - Michael T.

RG59A/U



75 Ohm Impedance

RG59A/U
- Center Conductor: 22 (7 x 30) AWG bare compacted copper
- Shielding: Bare copper braid (96% coverage)
- Insulation: Foam polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.1	6.9
100	3.0	9.8
200	4.5	14.8
400	6.6	21.7
1000	10.9	35.8

☑RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline BNC to Type F Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-BF-1	RG59A Cable, BNC Male / Type F Male, 1.0ft (0.3m)	6.00	5.76	5.52	5.28	5.04
CC59A-BF-3	RG59A Cable, BNC Male / Type F Male, 3.0ft (0.9m)	7.00	6.72	6.44	6.16	5.88
CC59A-BF-6	RG59A Cable, BNC Male / Type F Male, 6.0ft (1.8m)	8.50	8.16	7.82	7.48	7.14
CC59A-BF-9	RG59A Cable, BNC Male / Type F Male, 9.0ft (2.7m)	10.00	9.60	9.20	8.80	8.40
CC59A-BF-12	RG59A Cable, BNC Male / Type F Male, 12.0ft (3.7m)	11.50	11.04	10.58	10.12	9.66

☑RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Type F Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCF59-1	RG59A Cable, Type F Male / Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CCF59-3	RG59A Cable, Type F Male / Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CCF59-6	RG59A Cable, Type F Male / Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CCF59-9	RG59A Cable, Type F Male / Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CCF59-12	RG59A Cable, Type F Male / Male, 12.0ft (3.7m)	10.00	9.60	9.20	8.80	8.40
CCF59-25	RG59A Cable, Type F Male / Male, 25.0ft (7.6m)	16.50	15.84	15.18	14.52	13.86
CCF59-50	RG59A Cable, Type F Male / Male, 50.0ft (15.2m)	29.00	27.84	26.68	25.52	24.36

☑RoHS RG59A/U - 75 Ohm Coaxial Cables with Two Inline RCA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-RR-1	RG59A Cable, RCA Male / Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CC59A-RR-3	RG59A Cable, RCA Male / Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CC59A-RR-6	RG59A Cable, RCA Male / Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CC59A-RR-9	RG59A Cable, RCA Male / Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CC59A-RR-12	RG59A Cable, RCA Male / Male, 12.0ft (3.7m)	10.00	9.60	9.20	8.80	8.40

☑RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline RCA to Inline BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-RB-1	RG59A Cable, RCA Male / BNC Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CC59A-RB-3	RG59A Cable, RCA Male / BNC Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CC59A-RB-6	RG59A Cable, RCA Male / BNC Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CC59A-RB-9	RG59A Cable, RCA Male / BNC Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CC59A-RB-12	RG59A Cable, RCA Male / BNC Male, 12.0ft (3.7m)	10.00	9.60	9.20	8.80	8.40

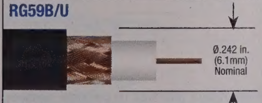
☑RoHS RG59A/U - 75 Ohm Coaxial Cables with Inline RCA to Type F Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59A-RF-1	RG59A Cable, RCA Male / Type F Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CC59A-RF-3	RG59A Cable, RCA Male / Type F Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CC59A-RF-6	RG59A Cable, RCA Male / Type F Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CC59A-RF-9	RG59A Cable, RCA Male / Type F Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CC59A-RF-12	RG59A Cable, RCA Male / Type F Male, 12.0ft (3.7m)	10.00	9.60	9.20	8.80	8.40

RG59B/U - 75 Ohm Coaxial Cables with Molded BNC and Type F Plugs

L-com offers a wide variety of RG59B/U cable assemblies utilizing BNC and Type F (next pg.) connectors. RG59B/U cable is one of the most commonly used 75 Ohm cables. In addition to inline configurations L-com offers right angle and female bulkheads. All connectors feature a molded strain relief while the Type F connector features a captivated gold plated center pin for enhanced performance. The solid center conductor of the RG59B/U cable provides optimum insertion loss performance.

RG59B/U



75 Ohm Impedance

RG59B/U
- Center Conductor: 22 AWG solid bare copper covered steel
- Shielding: Bare copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.4	7.9
100	3.4	11.1
200	4.9	16.1
400	7.0	23.0
1000	12.0	39.3

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-05	RG59B Cable, BNC Male / Male, 0.5ft (0.15m)	8.75	8.40	8.05	7.70	7.35
CC59B-1	RG59B Cable, BNC Male / Male, 1.0ft (0.3m)	9.00	8.64	8.28	7.92	7.56
CC59B-1.5	RG59B Cable, BNC Male / Male, 1.5ft (0.45m)	9.25	8.88	8.51	8.14	7.77
CC59B-2	RG59B Cable, BNC Male / Male, 2.0ft (0.6m)	9.50	9.12	8.74	8.36	7.98
CC59B-2.5	RG59B Cable, BNC Male / Male, 2.5ft (0.75m)	9.75	9.36	8.97	8.58	8.19
CC59B-3	RG59B Cable, BNC Male / Male, 3.0ft (0.9m)	10.00	9.60	9.20	8.80	8.40
CC59B-4	RG59B Cable, BNC Male / Male, 4.0ft (1.2m)	10.50	10.08	9.66	9.24	8.82
CC59B-5	RG59B Cable, BNC Male / Male, 5.0ft (1.5m)	11.00	10.56	10.12	9.68	9.24
CC59B-6	RG59B Cable, BNC Male / Male, 6.0ft (1.8m)	11.50	11.04	10.58	10.12	9.66
CC59B-7.5	RG59B Cable, BNC Male / Male, 7.5ft (2.3m)	12.25	11.76	11.27	10.78	10.29
CC59B-10	RG59B Cable, BNC Male / Male, 10.0ft (3.0m)	13.50	12.96	12.42	11.88	11.34
CC59B-12	RG59B Cable, BNC Male / Male, 12.0ft (3.7m)	14.50	13.92	13.34	12.76	12.18
CC59B-15	RG59B Cable, BNC Male / Male, 15.0ft (4.6m)	16.00	15.36	14.72	14.08	13.44
CC59B-25	RG59B Cable, BNC Male / Male, 25.0ft (7.6m)	21.00	20.16	19.32	18.48	17.64
CC59B-50	RG59B Cable, BNC Male / Male, 50.0ft (15.2m)	33.50	32.16	30.82	29.48	28.14
CC59B-75	RG59B Cable, BNC Male / Male, 75.0ft (22.9m)	46.00	44.16	42.32	40.48	38.64
CC59B-100	RG59B Cable, BNC Male / Male, 100.0ft (30.5m)	58.50	56.16	53.82	51.48	49.14
CC59B-150	RG59B Cable, BNC Male / Male, 150.0ft (45.7m)	83.50	80.16	76.82	73.48	70.14
CC59B-200	RG59B Cable, BNC Male / Male, 200.0ft (60.1m)	108.50	104.16	99.82	95.48	91.14

CC59A-BF

CCF59

CC59A-RR

CC59A-RB

CC59A-RF

CC59B

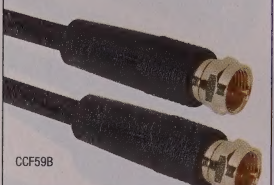
Informative e-mail newsletters
Our newsletters are packed with tips, tutorials, product info and downloads! L-com.com/Newsletter

L-com® Global Connectivity

CC59B-MF

CC59B-2HR

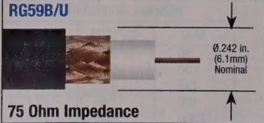
CC59B-2HR2


CCF59B

CCF6

Item # | Description | 1-9 | 10-24 | 25-99 | 100-249 | 250-499

RG59B/U



75 Ohm Impedance

RG59B/U
- Center Conductor: 22 AWG solid bare copper covered steel
- Shielding: Bare copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	2.4	7.9
100	3.4	11.1
200	4.9	16.1
400	7.0	23.0
1000	12.0	39.3

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with Inline BNC Plug to BNC Jack

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-MF-1	RG59B Cable, BNC Male / Female Bulkhead, 1.0ft (0.3m)	12.00	11.28	10.56	9.84	9.12
CC59B-MF-3	RG59B Cable, BNC Male / Female Bulkhead, 3.0ft (0.9m)	13.00	12.22	11.44	10.66	9.88
CC59B-MF-6	RG59B Cable, BNC Male / Female Bulkhead, 6.0ft (1.8m)	14.50	13.63	12.76	11.89	11.02
CC59B-MF-10	RG59B Cable, BNC Male / Female Bulkhead, 10.0ft (3.0m)	16.50	15.51	14.52	13.53	12.54
CC59B-MF-25	RG59B Cable, BNC Male / Female Bulkhead, 25.0ft (7.6m)	24.00	22.56	21.12	19.68	18.24
CC59B-MF-50	RG59B Cable, BNC Male / Female Bulkhead, 50.0ft (15.2m)	36.50	34.31	32.12	29.93	27.74

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with One Inline BNC to One Right Angle BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-1HR	RG59B Cable, BNC Male / 90° Male, 1.0ft (0.3m)	11.25	10.80	10.35	9.90	9.45
CC59B-1.5HR	RG59B Cable, BNC Male / 90° Male, 1.5ft (0.5m)	11.50	11.04	10.58	10.12	9.66
CC59B-2HR	RG59B Cable, BNC Male / 90° Male, 2.0ft (0.6m)	11.75	11.28	10.81	10.34	9.87
CC59B-3HR	RG59B Cable, BNC Male / 90° Male, 3.0ft (0.9m)	12.25	11.76	11.27	10.78	10.29
CC59B-4HR	RG59B Cable, BNC Male / 90° Male, 4.0ft (1.2m)	12.75	12.24	11.73	11.22	10.71
CC59B-5HR	RG59B Cable, BNC Male / 90° Male, 5.0ft (1.5m)	13.25	12.72	12.19	11.66	11.13
CC59B-7.5HR	RG59B Cable, BNC Male / 90° Male, 7.5ft (2.3m)	14.50	13.92	13.34	12.76	12.18
CC59B-10HR	RG59B Cable, BNC Male / 90° Male, 10.0ft (3.0m)	15.75	15.12	14.49	13.86	13.23

☑RoHS RG59B/U - 75 Ohm Coaxial Cables with Two Right Angle BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59B-1HR2	RG59B Cable, BNC 90° Male / 90° Male, 1.0ft (0.3m)	15.00	14.40	13.80	13.20	12.60
CC59B-2HR2	RG59B Cable, BNC 90° Male / 90° Male, 2.0ft (0.6m)	15.50	14.88	14.26	13.64	13.02
CC59B-2.5HR2	RG59B Cable, BNC 90° Male / 90° Male, 2.5ft (0.8m)	15.75	15.12	14.49	13.86	13.23
CC59B-3HR2	RG59B Cable, BNC 90° Male / 90° Male, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
CC59B-7.5HR2	RG59B Cable, BNC 90° Male / 90° Male, 7.5ft (2.3m)	18.25	17.52	16.79	16.06	15.33

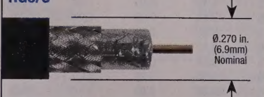
☑RoHS RG59B/U - 75 Ohm Coaxial Cables with Two Inline Molded Type F Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCF59B-1	RG59B Cable, Type F Male / Male, 1.0ft (0.3m)	4.50	4.32	4.14	3.96	3.78
CCF59B-3	RG59B Cable, Type F Male / Male, 3.0ft (0.9m)	5.50	5.28	5.06	4.84	4.62
CCF59B-6	RG59B Cable, Type F Male / Male, 6.0ft (1.8m)	7.00	6.72	6.44	6.16	5.88
CCF59B-9	RG59B Cable, Type F Male / Male, 9.0ft (2.7m)	8.50	8.16	7.82	7.48	7.14
CCF59B-12	RG59B Cable, Type F Male / Male, 12.0ft (3.7m)	10.00	9.60	9.20	8.80	8.40
CCF59B-25	RG59B Cable, Type F Male / Male, 25.0ft (7.6m)	16.50	15.84	15.18	14.52	13.86
CCF59B-50	RG59B Cable, Type F Male / Male, 50.0ft (15.2m)	29.00	27.84	26.68	25.52	24.36
CCF59B-100	RG59B Cable, Type F Male / Male, 100.0ft (30.5m)	54.00	51.84	49.68	47.52	45.36

☑RoHS RG6/U - 75 Ohm Coaxial Cables with Two Inline Type F Plugs

This series features low loss RG6 coaxial cable popular in transmission of television signal over cable. Features include: gold flash on connector surfaces, molded strain relief on the connector for superior protection and a captivated gold plated center conductor, not the cable's center conductor typically found in lower quality assemblies.

RG6/U



75 Ohm Impedance

RG6/U
- Center Conductor: 18 AWG solid bare copper covered steel
- Shielding: Inner foil (100% coverage); Outer, copper braid (60% coverage)
- Insulation: Foam Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	1.5	4.9
100	2.1	6.9
200	3.1	10.2
400	4.5	14.8
1000	7.3	23.9

Item #	Description	1-9	10-24	25-99	100-249	250-499
CCF6-1	RG6 Cable, Type F Male / Male, 1.0ft (0.3m)	5.75	5.17	4.60	4.02	3.45
CCF6-3	RG6 Cable, Type F Male / Male, 3.0ft (0.9m)	6.75	6.08	5.40	4.72	4.05
CCF6-6	RG6 Cable, Type F Male / Male, 6.0ft (1.8m)	8.25	7.42	6.60	5.77	4.95
CCF6-9	RG6 Cable, Type F Male / Male, 9.0ft (2.7m)	9.75	8.78	7.80	6.82	5.85
CCF6-12	RG6 Cable, Type F Male / Male, 12.0ft (3.7m)	11.25	10.13	9.00	7.87	6.75
CCF6-25	RG6 Cable, Type F Male / Male, 25.0ft (7.6m)	17.75	15.97	14.20	12.42	10.65
CCF6-50	RG6 Cable, Type F Male / Male, 50.0ft (15.2m)	30.25	27.23	24.20	21.17	18.15
CCF6-100	RG6 Cable, Type F Male / Male, 100.0ft (30.5m)	55.25	49.73	44.20	38.67	33.15

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We want to help you!
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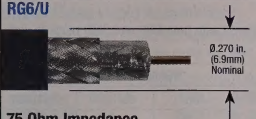
and videos at L-com.com/Resources

RG6/U



75 Ohm Impedance

RG6/U
- Center Conductor: 18 AWG solid bare copper covered steel
- Shielding: Inner foil (100% coverage); Outer, copper braid (60% coverage)
- Insulation: Foam Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	1.5	4.9
100	2.1	6.9
200	3.1	10.2
400	4.5	14.8
1000	7.3	23.9

☑RoHS RG6 Quad Shield - 75 Ohm Coaxial Cable Assemblies with Inline Type F Plugs

This series features premium grade RG6 cable with four layers of shielding for enhanced performance coupled with our BAC529 weather resistant Type F male connectors. These Type F connectors utilize both silicone sealant as well as an internal O-ring to achieve performance suitable for both indoor and outdoor applications.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC6QF-05	RG6 Cable, Type F Male / Male, 0.5ft (0.2m)	20.00	18.80	17.60	16.40	15.20
CC6QF-1	RG6 Cable, Type F Male / Male, 1.0ft (0.3m)	20.25	19.04	17.82	16.61	15.39
CC6QF-3	RG6 Cable, Type F Male / Male, 3.0ft (0.9m)	21.25	19.97	18.70	17.43	16.15
CC6QF-6	RG6 Cable, Type F Male / Male, 6.0ft (1.8m)	22.75	21.38	20.02	18.66	17.29
CC6QF-9	RG6 Cable, Type F Male / Male, 9.0ft (2.7m)	24.25	22.79	21.34	19.89	18.43
CC6QF-12	RG6 Cable, Type F Male / Male, 12.0ft (3.7m)	25.75	24.20	22.66	21.12	19.57
CC6QF-25	RG6 Cable, Type F Male / Male, 25.0ft (7.6m)	32.25	30.31	28.38	26.45	24.51
CC6QF-50	RG6 Cable, Type F Male / Male, 50.0ft (15.2m)	44.75	42.06	39.38	36.70	34.01

RG59 and RG6 Plenum - 75 Ohm Cable with Inline BNC Plugs

This series offers the commonly used RG6 and RG59 cable sizes with a plenum jacket for applications that require this level of fire retardation and low smoke attributes. Offered with BNC male connectors in eight convenient lengths. Custom lengths available with modest minimums.

RG59 Plenum- 75 Ohm Coaxial Cable with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC59PB-1	RG59 Plenum Cable, BNC Male / Male, 1.0ft (0.3m)	32.00	30.72	29.44	28.16	26.88
CC59PB-1.5	RG59 Plenum Cable, BNC Male / Male, 1.5ft (0.5m)	33.50	32.16	30.82	29.48	28.14
CC59PB-2	RG59 Plenum Cable, BNC Male / Male, 2.0ft (0.6m)	35.00	33.60	32.20	30.80	29.40
CC59PB-2.5	RG59 Plenum Cable, BNC Male / Male, 2.5ft (0.8m)	36.50	35.04	33.58	32.12	30.66
CC59PB-5	RG59 Plenum Cable, BNC Male / Male, 5.0ft (1.5m)	44.00	42.24	40.48	38.72	36.96
CC59PB-7.5	RG59 Plenum Cable, BNC Male / Male, 7.5ft (2.3m)	51.50	49.44	47.38	45.32	43.26
CC59PB-10	RG59 Plenum Cable, BNC Male / Male, 10.0ft (3.0m)	59.00	56.64	54.28	51.92	49.56
CC59PB-15	RG59 Plenum Cable, BNC Male / Male, 15.0ft (4.6m)	74.00	71.04	68.08	65.12	62.16

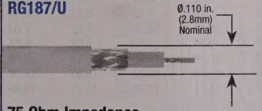
☑RoHS RG6 Plenum- 75 Ohm Coaxial Cable with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC6PB-1	RG6 Plenum Cable, BNC Male / Male, 1.0ft (0.3m)	31.00	29.76	28.52	27.28	26.04
CC6PB-1.5	RG6 Plenum Cable, BNC Male / Male, 1.5ft (0.5m)	32.00	30.72	29.44	28.16	26.88
CC6PB-2	RG6 Plenum Cable, BNC Male / Male, 2.0ft (0.6m)	34.00	32.64	31.28	29.92	28.56
CC6PB-2.5	RG6 Plenum Cable, BNC Male / Male, 2.5ft (0.8m)	35.00	33.60	32.20	30.80	29.40
CC6PB-5	RG6 Plenum Cable, BNC Male / Male, 5.0ft (1.5m)	40.00	38.40	36.80	35.20	33.60
CC6PB-7.5	RG6 Plenum Cable, BNC Male / Male, 7.5ft (2.3m)	45.00	43.20	41.40	39.60	37.80
CC6PB-10	RG6 Plenum Cable, BNC Male / Male, 10.0ft (3.0m)	50.00	48.00	46.00	44.00	42.00
CC6PB-15	RG6 Plenum Cable, BNC Male / Male, 15.0ft (4.6m)	60.00	57.60	55.20	52.80	50.40

RG187/U - Hi-Temperature 75 Ohm Cable with Inline BNC and Type F Plugs

This series features a small diameter (.110/2.8mm) 75 Ohm cable with a 200°C operating temperature. Offered with BNC and Type F male connectors in eight standard lengths. Custom lengths and connector combinations available with modest minimums.

RG187/U



75 Ohm Impedance

RG187/U
- Center Conductor: 30 AWG (7 x 38) stranded silver plated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE teflon
- Jacket: TFE teflon tape wrap
- Operating Temperature: -70°C - +200°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	8.5	27.9
100	10.0	32.8
200	12.5	41.0
400	16..0	52.5
1000	24.0	78.7

RG187/U - 75 Ohm Coaxial Cable Hi-Temperature with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC187B-1	RG187 Cable, BNC Male / Male, 1.0ft (0.3m)	33.50	32.16	30.82	29.48	28.14
CC187B-1.5	RG187 Cable, BNC Male / Male, 1.5ft (0.5m)	35.00	33.60	32.20	30.80	29.40
CC187B-2	RG187 Cable, BNC Male / Male, 2.0ft (0.6m)	36.50	35.04	33.58	32.12	30.66
CC187B-2.5	RG187 Cable, BNC Male / Male, 2.5ft (0.8m)	38.00	36.48	34.96	33.44	31.92
CC187B-5	RG187 Cable, BNC Male / Male, 5.0ft (1.5m)	45.50	43.68	41.86	40.04	38.22
CC187B-7.5	RG187 Cable, BNC Male / Male, 7.5ft (2.3m)	53.00	50.88	48.76	46.64	44.52
CC187B-10	RG187 Cable, BNC Male / Male, 10.0ft (3.0m)	60.50	58.08	55.66	53.24	50.82
CC187B-15	RG187 Cable, BNC Male / Male, 15.0ft (4.6m)	75.50	72.48	69.46	66.44	63.42

RG187/U - 75 Ohm Coaxial Cable Hi-Temperature with Two Inline Type F Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC187F-1	RG187 Cable, Type F Male / Male, 1.0ft (0.3m)	28.50	27.36	26.22	25.08	23.94
CC187F-1.5	RG187 Cable, Type F Male / Male, 1.5ft (0.5m)	30.00	28.80	27.60	26.40	25.20
CC187F-2	RG187 Cable, Type F Male / Male, 2.0ft (0.6m)	31.50	30.24	28.98	27.72	26.46
CC187F-2.5	RG187 Cable, Type F Male / Male, 2.5ft (0.8m)	33.00	31.68	30.36	29.04	27.72
CC187F-7.5	RG187 Cable, Type F Male / Male, 7.5ft (2.3m)	48.00	46.08	44.16	42.24	40.32
CC187F-15	RG187 Cable, Type F Male / Male, 15.0ft (4.6m)	70.50	67.68	64.86	62.04	59.22

Tip ***When do you use plenum cable?***

In building construction, the space used for air circulation (heating and air conditioning) is called the plenum. This space is also commonly used to route communications cable. This poses a serious hazard in the event of fire due to lack of barriers to contain the smoke and flames. This is why various fire codes and the National Electrical Code (NEC) require the use of fire resistant and low smoke producing cable in these areas. This type of cable is called plenum cable and is coated with a fire retardant coating to produce a cable that is fire resistant and has low smoke producing characteristics.

> "Your coaxial reference guide is brilliant - I'm sending it to my customers who request coax to cut down on the time we spend ensuring they're asking for the right product. Can't wait to see what other gems your catalog contains."
> - Jeff Roney, Sales Rep, Anixter Canada

CC6QF

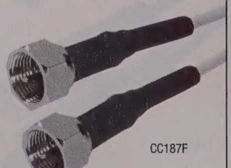
CC59PB

CC6PB

Did you know...

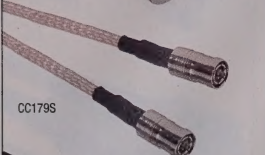
L-com, unlike many competitors, offers one of the largest in stock selections of coaxial cable assemblies available anywhere today?

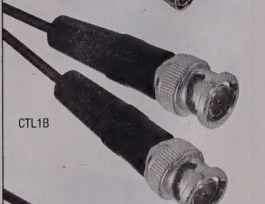
CC187B



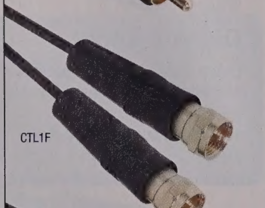
CC187F

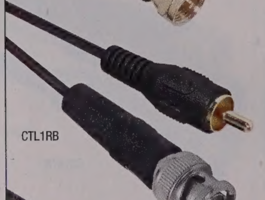
CC179B


CC179S


CTL1B

CTL1R


CTL1F

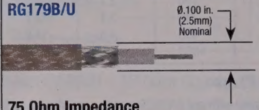

CTL1RB

CTL1FB

RG179B/U - High Temperature Cable with Inline BNC and SMB Plugs

This 75 Ohm cable features a Brown tinted FEP outer jacket and an operating temperature of 200°C. Offered with both BNC and SMB plugs in eight convenient lengths. Other lengths and connector combinations available with modest minimums.

RG179B/U



75 Ohm Impedance

RG179B/U
- Center Conductor: 30 AWG (7 x 38) stranded silver plated copper covered steel
- Shielding: Silver coated copper braid (95% coverage)
- Insulation: TFE teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	8.5	27.9
100	10.0	32.8
200	12.5	41.0
400	16.0	52.5
1000	24.0	78.7

✓RoHS RG179B/U - 75 Ohm High Temperature Cable with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC179B-1	RG179 Cable, BNC Male / Male, 1.0ft (0.3m)	21.00	20.16	19.32	18.48	17.64
CC179B-1.5	RG179 Cable, BNC Male / Male, 1.5ft (0.45m)	21.75	20.88	20.01	19.14	18.27
CC179B-2	RG179 Cable, BNC Male / Male, 2.0ft (0.6m)	22.50	21.60	20.70	19.80	18.90
CC179B-2.5	RG179 Cable, BNC Male / Male, 2.5ft (0.75m)`	23.25	22.32	21.39	20.46	19.53
CC179B-5	RG179 Cable, BNC Male / Male, 5.0ft (1.5m)	27.00	25.92	24.84	23.76	22.68
CC179B-7.5	RG179 Cable, BNC Male / Male, 7.5ft (2.3m)	30.75	29.52	28.29	27.06	25.83
CC179B-10	RG179 Cable, BNC Male / Male, 10.0ft (3.0m)	34.50	33.12	31.74	30.36	28.98
CC179B-15	RG179 Cable, BNC Male / Male, 15.0ft (4.6m)	42.00	40.32	38.64	36.96	35.28

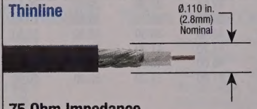
✓RoHS RG179B/U - 75 Ohm High Temperature Cable with Two Inline SMB Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CC179S-1	RG179 Cable, SMB Male / Male, 1.0ft (0.3m)	36.00	34.56	33.12	31.68	30.24
CC179S-1.5	RG179 Cable, SMB Male / Male, 1.5ft (0.45m)	36.75	35.28	33.81	32.34	30.87
CC179S-2	RG179 Cable, SMB Male / Male, 2.0ft (0.6m)	37.50	36.00	34.50	33.00	31.50
CC179S-2.5	RG179 Cable, SMB Male / Male, 2.5ft (0.75m)	38.25	36.72	35.19	33.66	32.13
CC179S-5	RG179 Cable, SMB Male / Male, 5.0ft (1.5m)	42.00	40.32	38.64	36.96	35.28
CC179S-7.5	RG179 Cable, SMB Male / Male, 7.5ft (2.3m)	45.75	43.92	42.09	40.26	38.43
CC179S-10	RG179 Cable, SMB Male / Male, 10.0ft (3.0m)	49.50	47.52	45.54	43.56	41.58

Thinline 75 Ohm (.11" Dia.) Coaxial Cable Assemblies

Substitute our smaller diameter, more flexible, lighter weight thinline cable assemblies for your traditional 75 Ohm cable assemblies. This coaxial cable features a spiral tinned copper shield and a proprietary air foamed dielectric. This 75 Ohm cable is less than half the size of RG59 and RG6 cable assemblies. Available in BNC, RCA and Type F connectors all with fully molded strain relief.

Thinline



75 Ohm Impedance

Thinline
- Center Conductor: 28 AWG (7 x 38) stranded tinned copper wire
- Shielding: Tinned copper spiral shield (95% coverage)
- Insulation: Foamed polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
5	1.4	4.6
10	2.1	6.9
30	3.8	12.5
50	5.1	16.7
100	7.6	24.9

✓RoHS Thinline - 75 Ohm Coaxial Cables with Two Inline BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1B-1	Thinline Cable, BNC Male / Male, 1.0ft (0.3m)	7.00	6.72	6.44	6.16	5.88
CTL1B-2.5	Thinline Cable, BNC Male / Male, 2.5ft (0.75m)	7.75	7.44	7.13	6.82	6.51
CTL1B-5	Thinline Cable, BNC Male / Male, 5.0ft (1.5m)	9.00	8.64	8.28	7.92	7.56
CTL1B-7.5	Thinline Cable, BNC Male / Male, 7.5ft (2.3m)	10.25	9.84	9.43	9.02	8.61
CTL1B-10	Thinline Cable, BNC Male / Male, 10.0ft (3.0m)	11.50	11.04	10.58	10.12	9.66
CTL1B-15	Thinline Cable, BNC Male / Male, 15.0ft (4.6m)	14.00	13.44	12.88	12.32	11.76
CTL1B-25	Thinline Cable, BNC Male / Male, 25.0ft (7.6m)	19.00	18.24	17.48	16.72	15.96

✓RoHS Thinline - 75 Ohm Coaxial Cables with Two Inline RCA Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1R-1	Thinline Cable, RCA Male / Male, 1.0ft (0.3m)	5.50	5.28	5.06	4.84	4.62
CTL1R-5	Thinline Cable, RCA Male / Male, 5.0ft (1.5m)	7.50	7.20	6.90	6.60	6.30
CTL1R-10	Thinline Cable, RCA Male / Male, 10.0ft (3.0m)	10.00	9.60	9.20	8.80	8.40
CTL1R-15	Thinline Cable, RCA Male / Male, 15.0ft (4.6m)	12.50	12.00	11.50	11.00	10.50
CTL1R-25	Thinline Cable, RCA Male / Male, 25.0ft (7.6m)	17.50	16.80	16.10	15.40	14.70

✓RoHS Thinline - 75 Ohm Coaxial Cables with Two Inline Type F Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1F-1	Thinline Cable, Type F Male / Male, 1.0ft (0.3m)	5.50	5.28	5.06	4.84	4.62
CTL1F-5	Thinline Cable, Type F Male / Male, 5.0ft (1.5m)	7.50	7.20	6.90	6.60	6.30
CTL1F-10	Thinline Cable, Type F Male / Male, 10.0ft (3.0m)	10.00	9.60	9.20	8.80	8.40
CTL1F-15	Thinline Cable, Type F Male / Male, 15.0ft (4.6m)	12.50	12.00	11.50	11.00	10.50
CTL1F-25	Thinline Cable, Type F Male / Male, 25.0ft (7.6m)	17.50	16.80	16.10	15.40	14.70

✓RoHS Thinline - 75 Ohm Coaxial Cables with One Inline RCA to One Inline BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1RB-1	Thinline Cable, RCA Male / BNC Male, 1.0ft (0.3m)	5.50	5.28	5.06	4.84	4.62
CTL1RB-5	Thinline Cable, RCA Male / BNC Male, 5.0ft (1.5m)	7.50	7.20	6.90	6.60	6.30
CTL1RB-10	Thinline Cable, RCA Male / BNC Male, 10.0ft (3.0m)	10.00	9.60	9.20	8.80	8.40
CTL1RB-15	Thinline Cable, RCA Male / BNC Male, 15.0ft (4.6m)	12.50	12.00	11.50	11.00	10.50
CTL1RB-25	Thinline Cable, RCA Male / BNC Male, 25.0ft (7.6m)	17.50	16.80	16.10	15.40	14.70

✓RoHS Thinline - 75 Ohm Coaxial Cables with One Inline Type F to One Inline BNC Plug

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTL1FB-1	Thinline Cable, Type F Male / BNC Male, 1.0ft (0.3m)	6.50	6.24	5.98	5.72	5.46
CTL1FB-5	Thinline Cable, Type F Male / BNC Male, 5.0ft (1.5m)	8.50	8.16	7.82	7.48	7.14
CTL1FB-10	Thinline Cable, Type F Male / BNC Male, 10.0ft (3.0m)	11.00	10.56	10.12	9.68	9.24
CTL1FB-15	Thinline Cable, Type F Male / BNC Male, 15.0ft (4.6m)	13.50	12.96	12.42	11.88	11.34
CTL1FB-25	Thinline Cable, Type F Male / BNC Male, 25.0ft (7.6m)	18.50	17.76	17.02	16.28	15.54

Same day shipping
Orders placed before 4:00 EST
ship the same day.

Digital Video Cable Assemblies

L-com offers a series of finished cable assemblies having digital grade cable and connectors assembled to exacting specifications in our factory. Available with either C1505A or C1506A cable and BNC inline or 90 degree configurations.

C1505A Digital 75 Ohm Coaxial Cable with Two Inline Digital BNC Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
C1505A-B-5	C1505A Cable, BNC Male / Male, 5.0ft (1.5m)	45.00	43.20	41.40	39.60	37.80
C1505A-B-10	C1505A Cable, BNC Male / Male, 10.0ft (3.0m)	49.00	47.04	45.08	43.12	41.16
C1505A-B-15	C1505A Cable, BNC Male / Male, 15.0ft (4.6m)	53.00	50.88	48.76	46.64	44.52
C1505A-B-25	C1505A Cable, BNC Male / Male, 25.0ft (7.6m)	61.00	58.56	56.12	53.68	51.24

C1505A Digital 75 Ohm Coaxial Cable with Inline to 90° Digital BNC Plugs

C1505A-BR-5	C1505A Cable, BNC Male / 90° Male, 5.0ft (1.5m)	60.00	57.60	55.20	52.80	50.40
C1505A-BR-10	C1505A Cable, BNC Male / 90° Male, 10.0ft (3.0m)	64.00	61.44	58.88	56.32	53.76
C1505A-BR-15	C1505A Cable, BNC Male / 90° Male, 15.0ft (4.6m)	68.00	65.28	62.56	59.84	57.12
C1505A-BR-25	C1505A Cable, BNC Male / 90° Male, 25.0ft (7.6m)	76.00	72.96	69.92	66.88	63.84

C1506A Digital 75 Ohm Plenum Coaxial Cable with Two Inline Digital BNC Plugs

C1506A-B-5	C1506A Cable, BNC Male / Male, 5.0ft (1.5m)	70.00	67.20	64.40	61.60	58.80
C1506A-B-10	C1506A Cable, BNC Male / Male, 10.0ft (3.0m)	74.00	71.04	68.08	65.12	62.16
C1506A-B-15	C1506A Cable, BNC Male / Male, 15.0ft (4.6m)	78.00	74.88	71.76	68.64	65.52
C1506A-B-25	C1506A Cable, BNC Male / Male, 25.0ft (7.6m)	86.00	82.56	79.12	75.68	72.24

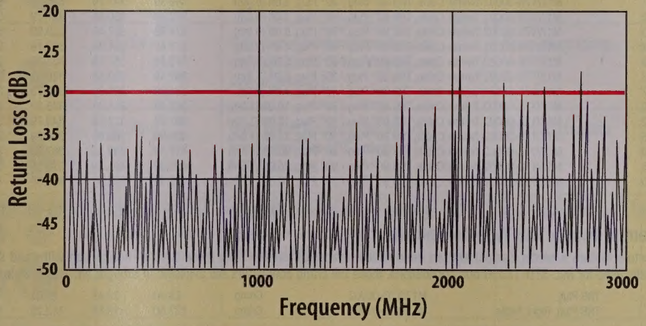
C1506A Digital 75 Ohm Plenum Coaxial Cable with Inline to 90° Digital BNC Plugs

C1506A-BR-5	C1506A Cable, BNC Male / 90° Male, 5.0ft (1.5m)	80.00	76.80	73.60	70.40	67.20
C1506A-BR-10	C1506A Cable, BNC Male / 90° Male, 10.0ft (3.0m)	84.00	80.64	77.28	73.92	70.56

Tip

Digital and analog video cable

This return loss chart illustrates why digital video cable performance is vastly different than analog video cable. Analog video bandwidth at 6 MHz is quite narrow and low in frequency while digital video bandwidth depending on data rate can be as much as 750 MHz with a higher operating frequency. As the bandwidth and frequency increase so does the difficulty of limiting spikes above the -30dB range. Standard RG59 and RG6 type cable, commonly used for analog video, does not have sufficient bandwidth for optimal performance in digital video applications and will limit lengths as well as degrade performance. C1505A and C1506A cable with associated BNC connectors are specifically designed for the more demanding digital video frequency and bandwidth.



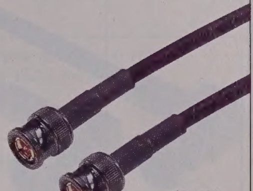
☑RoHS Premium 3.5mm (1/8") 3 Conductor Cables for Microphones, Speakers and Other Applications

These low loss premium 3.5mm cable assemblies offer superior performance when compared to similar commercial counterparts. Connectors are gold plated reducing corrosion while maintaining reliable contact. 22 AWG conductors and a double shield provide minimum loss even at long lengths.

CTL35MM-3	Stereo Cable, 3.5mm Male / Male, 3.0ft (0.9m)	5.00	4.80	4.60	4.40	4.20
CTL35MM-5	Stereo Cable, 3.5mm Male / Male, 5.0ft (1.5m)	6.00	5.76	5.52	5.28	5.04
CTL35MM-10	Stereo Cable, 3.5mm Male / Male, 10.0ft (3.0m)	8.50	8.16	7.82	7.48	7.14
CTL35MM-25	Stereo Cable, 3.5mm Male / Male, 25.0ft (7.6m)	16.00	15.36	14.72	14.08	13.44
CTL35MM-50	Stereo Cable, 3.5mm Male / Male, 50.0ft (15.2m)	28.50	27.36	26.22	25.08	23.94
CTL35MM-100	Stereo Cable, 3.5mm Male / Male, 100.0ft (30.5m)	53.50	51.36	49.22	47.08	44.94
CTL35MF-3	Stereo Cable, 3.5mm Male / Female, 3.0ft (0.9m)	5.00	4.80	4.60	4.40	4.20
CTL35MF-5	Stereo Cable, 3.5mm Male / Female, 5.0ft (1.5m)	6.00	5.76	5.52	5.28	5.04
CTL35MF-10	Stereo Cable, 3.5mm Male / Female, 10.0ft (3.0m)	8.50	8.16	7.82	7.48	7.14
CTL35MF-25	Stereo Cable, 3.5mm Male / Female, 25.0ft (7.6m)	16.00	15.36	14.72	14.08	13.44
CTL35MF-50	Stereo Cable, 3.5mm Male / Female, 50.0ft (15.2m)	28.50	27.36	26.22	25.08	23.94
CTL35MF-100	Stereo Cable, 3.5mm Male / Female, 100.0ft (30.5m)	53.50	51.36	49.22	47.08	44.94

C1505A-B

C1505A-BR


C1506A-B

C1506A-BR

CTL35MM

CTL35MF

☑RoHS **RoHS status information**
listed on every product saves you time.
L-com.com/RoHS

L-com Global Connectivity

CA-TRBP-P

CA-TRBP-PR

CA-TRBPR-PR

ATRBP-1553B

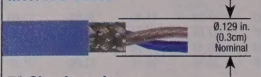
ATRBPR-1553B

CTC Series

MIL-STD-1553B 78 Ohm Twinax Cable Assemblies

L-com's MIL-STD-1553B cable assemblies feature high-temperature M17/176-00002 twinax cable and TRB connectors designed for these types of bus applications. Standard lengths from 1' to 50' (0.3m to 15.2m). Custom lengths also available.

M17/176-00002



78 Ohm Impedance

M17/176-00002
- Center Conductor: 0.024" (0.1cm) Dia.
- Min. Bend Radius: 1.50" (3.8cm)
- Insulation Material: Teflon
- Outer Jacket: Blue Teflon
- Operating Temperature: -55°C - +200°C

NOMINAL ATTENUATION	
MHz	db/100ft
1	1.400
3	2.100
10	4.5 Max.

78 Ohm Twinax Cables - M17/176-00002 with Two Inline TRB Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-TRBP-P001	M17/176-00002 Twinax Cable, TRB Plug / Plug, 1.0ft (0.3m)	79.99	75.19	70.39	65.59	60.79
CA-TRBP-P002	M17/176-00002 Twinax Cable, TRB Plug / Plug, 2.0ft (0.6m)	82.49	77.54	72.59	67.64	62.69
CA-TRBP-P003	M17/176-00002 Twinax Cable, TRB Plug / Plug, 3.0ft (0.9m)	84.99	79.89	74.79	69.69	64.59
CA-TRBP-P004	M17/176-00002 Twinax Cable, TRB Plug / Plug, 4.0ft (1.2m)	87.49	82.24	76.99	71.74	66.49
CA-TRBP-P005	M17/176-00002 Twinax Cable, TRB Plug / Plug, 5.0ft (1.5m)	89.99	84.59	79.19	73.79	68.39
CA-TRBP-P006	M17/176-00002 Twinax Cable, TRB Plug / Plug, 6.0ft (1.8m)	92.49	86.94	81.39	75.84	70.29
CA-TRBP-P007	M17/176-00002 Twinax Cable, TRB Plug / Plug, 7.0ft (2.1m)	94.99	89.29	83.59	77.89	72.19
CA-TRBP-P010	M17/176-00002 Twinax Cable, TRB Plug / Plug, 10.0ft (3.0m)	102.49	96.34	90.19	84.04	77.89
CA-TRBP-P012	M17/176-00002 Twinax Cable, TRB Plug / Plug, 12.0ft (3.7m)	107.49	101.04	94.59	88.14	81.69
CA-TRBP-P015	M17/176-00002 Twinax Cable, TRB Plug / Plug, 15.0ft (4.6m)	114.49	107.62	100.75	93.88	87.01
CA-TRBP-P020	M17/176-00002 Twinax Cable, TRB Plug / Plug, 20.0ft (6.1m)	127.49	119.84	112.19	104.54	96.89
CA-TRBP-P025	M17/176-00002 Twinax Cable, TRB Plug / Plug, 25.0ft (7.6m)	139.99	131.59	123.19	114.79	106.39
CA-TRBP-P050	M17/176-00002 Twinax Cable, TRB Plug / Plug, 50.0ft (15.2m)	202.49	190.34	178.19	166.04	153.89

78 Ohm Twinax Cables - M17/176-00002 with Inline TRB to Right Angle TRB Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-TRBP-PR001	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 1.0ft (0.3m)	239.99	225.59	211.19	196.79	182.39
CA-TRBP-PR002	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 2.0ft (0.6m)	242.49	227.94	213.39	198.84	184.29
CA-TRBP-PR003	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 3.0ft (0.9m)	244.99	230.29	215.59	200.89	186.19
CA-TRBP-PR004	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 4.0ft (1.2m)	247.49	232.64	217.79	202.94	188.09
CA-TRBP-PR005	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 5.0ft (1.5m)	249.99	234.99	219.99	204.99	189.99
CA-TRBP-PR006	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 6.0ft (1.8m)	252.49	237.34	222.19	207.04	191.89
CA-TRBP-PR007	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 7.0ft (2.1m)	254.99	239.69	224.39	209.09	193.79
CA-TRBP-PR010	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 10.0ft (3.0m)	262.49	246.74	230.99	215.24	199.49
CA-TRBP-PR012	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 12.0ft (3.7m)	267.49	251.44	235.39	219.34	203.29
CA-TRBP-PR015	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 15.0ft (4.6m)	274.99	258.49	241.99	225.49	208.99
CA-TRBP-PR020	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 20.0ft (6.1m)	287.49	270.24	252.99	235.74	218.49
CA-TRBP-PR025	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 25.0ft (7.6m)	299.99	281.99	263.99	245.99	227.99
CA-TRBP-PR050	M17/176-00002 Twinax Cable, TRB Plug / 90° Plug, 50.0ft (15.2m)	362.49	340.74	318.99	297.24	275.49

78 Ohm Twinax Cables - M17/176-00002 with Two Right Angle TRB Plugs

Item #	Description	1-9	10-24	25-99	100-249	250-499
CA-TRBPR-PR001	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 1.0ft (0.3m)	369.99	347.79	325.59	303.39	281.19
CA-TRBPR-PR002	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 2.0ft (0.6m)	372.49	350.14	327.79	305.44	283.09
CA-TRBPR-PR003	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 3.0ft (0.9m)	374.99	352.49	329.99	307.49	284.99
CA-TRBPR-PR004	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 4.0ft (1.2m)	377.49	354.84	332.19	309.54	286.89
CA-TRBPR-PR005	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 5.0ft (1.5m)	379.99	357.19	334.39	311.59	288.79
CA-TRBPR-PR006	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 6.0ft (1.8m)	382.49	359.54	336.59	313.64	290.69
CA-TRBPR-PR007	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 7.0ft (2.1m)	384.99	361.89	338.79	315.69	292.59
CA-TRBPR-PR010	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 10.0ft (3.0m)	392.49	368.94	345.39	321.84	298.29
CA-TRBPR-PR012	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 12.0ft (3.7m)	397.49	373.64	349.79	325.94	302.09
CA-TRBPR-PR015	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 15.0ft (4.6m)	404.99	380.69	356.39	332.09	307.79
CA-TRBPR-PR020	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 20.0ft (6.1m)	417.49	392.44	367.39	342.34	317.29
CA-TRBPR-PR025	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 25.0ft (7.6m)	429.99	404.19	378.39	352.59	326.79
CA-TRBPR-PR050	M17/176-00002 Twinax Cable, TRB 90° Plug / 90° Plug, 50.0ft (15.2m)	492.49	462.94	433.39	403.84	374.29

RoHS Concentric Twinax TRB Type Connectors

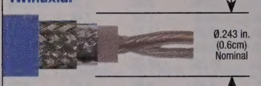
TRB type connectors feature a center contact and an intermediate cylindrical contact. The three bayonet design can withstand severe shocks and vibrations. Typically used for MIL-STD-1533B bus applications, these full crimp connectors are available in Straight and Right Angle Plug versions.

Item #	Description	Cable	Attachment	1-9	10-24	25-99	100-249	250-499
ATRBP-1553B	TRB Plug	M17/176-00002	Crimp	23.90	22.47	21.03	19.60	18.16
ATRBPR-1553B	TRB Plug, Right Angle	M17/176-00002	Crimp	127.50	119.85	112.20	104.55	96.90

RoHS Twinaxial BNC Cables - Feature Polarized/Stepped Keyway and Crimp Design

This Twin BNC cable series accommodates the need for low level signal patching and balanced line applications. Fittings have polarized, stepped keyways that look like, but do not match traditional BNC coaxial connectors. Twin BNC connectors are constructed of machined brass with a non-tarnish nickel finish and gold plated contacts.

Twinaxial



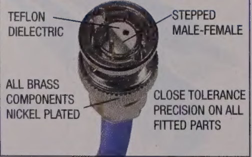
78 Ohm Impedance

Twinaxial
- Center Conductors: 20 (7x28) AWG tinned copper
- Shielding: Tinned copper braid + foil (100% coverage)
- Insulation: Polyethylene
- Jacket: Blue PVC
- Operating Temperature: -20°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.0	16.4
100	7.5	24.6
200	11.0	36.1
400	16.0	52.5

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTC-1	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 1.0ft (0.3m)	44.00	42.24	40.48	38.72	36.96
CTC-2	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 2.0ft (0.6m)	45.00	43.20	41.40	39.60	37.80
CTC-3	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 3.0ft (0.9m)	47.00	45.12	43.24	41.36	39.48
CTC-5	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 5.0ft (1.5m)	51.00	48.96	46.92	44.88	42.84
CTC-7.5	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 7.5ft (2.3m)	55.00	52.80	50.60	48.40	46.20
CTC-10	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 10.0ft (3.0m)	59.00	56.64	54.28	51.92	49.56

CTC Construction Detail



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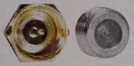
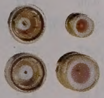
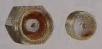
product applications. L-com.com/Tips

Tip *How do you select the right coaxial cable interface for your application?*

There are numerous coaxial interfaces in use today. These interfaces cover a broad range of applications including both 50 Ohm data signal transmission and 75 Ohm audio/video signal transmission. The following chart is a general guide to help you select the best interface for your specific application.

Interface Type	Impedance	Application	Coupling Mechanism	Typical Cable Types	Typical Frequency Range
BNC 	Available in both 50 and 75 Ohm	50 Ohm version is utilized in data signal transmission for such applications as WAN/LAN, Ethernet or Test & Measurement. 75 Ohm version is utilized in audio/video signal transmission for such applications as security and CATV	Two stud bayonet twist and lock	Wide variety of RG style coaxial cables including 50 Ohm RG174, RG58, RG142 etc. And 75 Ohm RG179, RG59, RG6	0-4 GHz
TNC (Threaded version of a BNC) 	50 Ohm	Data signal transmission for such applications as GPS, wireless base stations antennas and instrumentation	Threaded coupling	Wide variety of RG style coaxial cables including RG174, RG58, RG142, etc	0-11 GHz
SMA 	50 Ohm	Data signal transmission for such applications as GPS and instrumentation	Threaded coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-18 GHz
Type N 	50 Ohm	Data signal transmission for such applications as GPS antennas and instrumentation	Threaded coupling	Generally used on larger diameter cable such as RG58, RG213 and RG223	0-11 GHz
Type F 	75 Ohm	Video signal transmission in applications such as CATV and entertainment video	Threaded coupling	Primarily RG59 and RG6	0-1 GHz
MCX 	50 Ohm	Data signal transmission for such applications as GPS antennas and instrumentation	Snap on coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-6 GHz
MMCX 	50 Ohm	Data signal transmission for such applications as GPS antennas and PCMCIA cards	Snap on coupling	Generally used on small diameter cable such as RG174, RG188 and RG316	0-6 GHz
SMB 	Available in both 50 and 75 Ohm	Data signal transmission for such applications as digital cellular, GPS and wireless LAN	Snap on coupling	Generally used on small diameter cable such as 50 Ohm RG174, RG188 and RG316 and 75 Ohm RG179 and RG187	0-4 GHz
SMC 	Available in both 50 and 75 Ohm	Signal transmission for such applications as automotive GPS and telecom with high vibration requirements	Threaded coupling	Generally used on small diameter cable such as 50 Ohm RG174, RG188 and RG316 and 75 Ohm RG179 and RG187	0-10 GHz
Reverse Polarity TNC and SMA 	50 Ohm	Signal transmission in wireless spread spectrum devices that must comply with FCC non standard interface rule	Threaded coupling and RG58	Primarily used with RG174	TNC 0-11 GHz SMA 0-18 GHz

Note: Images on this page are for reference only and may not be to scale

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Global Connectivity

Coaxial Interseries Adapter Selection Matrix

Use this handy chart to locate the desired interseries adapter. Simply locate the connector type and gender in the top row and repeat in the left hand column. Intersect the row and column to determine availability. Adapters shown in this matrix are listed on this and the opposite page. If a specific adapter type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Adapters listed are generally intended for use in the RF band.

Reversed Polarity Types

INTERFACE SERIES	RP-BNC	RP-TNC PLUG	RP-TNC JACK	RP-SMA PLUG	RP-SMA JACK
N FEMALE	AXA-NFRBP	AXA-NFRTP, AXA-NFRTP2		AXA-NFRSP	AXA-NFRSJ AXA-RSJNFB
N MALE		AXA-NMRTP	AXA-NMRTJ	AXA-NMRSP	AXA-NMRSJ
RP-TNC				AXA-RTJRSP	AXA-RTPRSJ

INTERFACE SERIES	BNC FEMALE	BNC MALE	F FEMALE	F MALE	TNC MALE	TNC FEMALE	MINI UHF F	MINI UHF M	N MALE	SMA F	SMA M	SMB J	SMB P	UHF F	UHF M	MCX P	MMCX F	NMO
BNC FEMALE			BA220	BA120, BA037	BA3001	BA70		BA883	BN109	BA588	BA29			BA230	BA50			
BNC MALE			BA125, BA017			BA71, BA3002	BA882		BN107	BA38	BA28			BA60	BA270			
F FEMALE	BA220	BA125, BA017				BA127			AXA-NMFF					BA301	BA160			
F MALE	BA120, BA037				BA121									BA130				
FME MALE	BA8016	BA8005, BA8006(RA)																
MINI UHF FEMALE		BA882			BA881						BA582							
MINI UHF MALE	BA883					BA886				BA591	BA581							
MCX										AXA-MPSF								
N FEMALE	BN110	BN115			AXA-NFTM			AXA-NFMUM		AXA-NFSF	BA25							AXA-AMNFB
N MALE	BN109 AXA-BFNM90	BN107	AXA-NMFF			AXA-NMTF				AXA-NMSF	AXA-NMSM							
RCA FEMALE	BA94	BA95, BA018	BA887												BA40			
RCA MALE	BA90		BA907											BA140				
SMA FEMALE	BA588	BA38			BA589	BA590		BA591	AXA-NMSF			AXA-SMBJSF	AXA-SMBPSF		BA36	AXA-MPSF	BA3000	
SMA MALE	BA29	BA28			BA579	BA580	BA582	BA581	AXA-NMSM					BA27	BA26			
SMB JACK										AXA-SMBJSF								
SMB PLUG										AXA-SMBPSF								
TNC FEMALE	BA70	BA71, BA3002	BA127					BA886	AXA-NMTF	BA590	BA580							
TNC MALE	BA3001			BA121			BA881			BA589	BA579							
UHF FEMALE	BA230	BA60	BA301	BA130							BA27							
UHF MALE	BA50	BA270	BA160							BA36	BA26							
1.6/5.6 MALE	BA9201	BA9200																

Item #	Description	1-9	10-24	25-99	100-249	250-499
☑RoHS BNC Interseries Coaxial Adapters - 50 Ohm						
BA28	Coaxial Adapter, BNC Male / SMA Male	5.75	5.40	5.06	4.72	4.37
BA38	Coaxial Adapter, BNC Male / SMA Female	5.75	5.40	5.06	4.72	4.37
BA60	Coaxial Adapter, BNC Male / UHF Female	3.95	3.71	3.48	3.24	3.00
BA71	Coaxial Adapter, BNC Male / TNC Female	4.50	4.23	3.96	3.69	3.42
BA3002	Coaxial Adapter, BNC Male / TNC Female, Right Angle	6.55	6.16	5.76	5.37	4.98
BA29	Coaxial Adapter, BNC Female / SMA Male	5.75	5.40	5.06	4.72	4.37
BA50	Coaxial Adapter, BNC Female / UHF Male	3.95	3.71	3.48	3.24	3.00
BA70	Coaxial Adapter, BNC Female / TNC Female	4.50	4.23	3.96	3.69	3.42
BA3001	Coaxial Adapter, BNC Female / TNC Male	4.00	3.76	3.52	3.28	3.04
AXA-BFNM90	Coaxial Adapter, BNC Female / Type N Male, Right Angle	5.75	5.52	5.29	4.89	4.31
☑RoHS BNC Interseries Coaxial Adapters - 75 Ohm						
BA017	Coaxial Adapter, BNC Male / Type F Female	3.95	3.71	3.48	3.24	3.00
BA018	Coaxial Adapter, BNC Male / RCA Female	2.95	2.77	2.60	2.42	2.24
BA037	Coaxial Adapter, BNC Female / Type F Male	3.95	3.71	3.48	3.24	3.00
☑RoHS SMA Interseries Coaxial Adapters - 50 Ohm						
AXA-NMSM	Coaxial Adapter, SMA Male / Type N Male	3.99	3.83	3.67	3.39	2.99
BA25	Coaxial Adapter, SMA Male / Type N Female	5.75	5.40	5.06	4.72	4.37
BA26	Coaxial Adapter, SMA Male / UHF Male	5.75	5.40	5.06	4.72	4.37
BA27	Coaxial Adapter, SMA Male / UHF Female	5.75	5.40	5.06	4.72	4.37
BA579	Coaxial Adapter, SMA Male / TNC Male	5.75	5.40	5.06	4.72	4.37
BA580	Coaxial Adapter, SMA Male / TNC Female	5.75	5.40	5.06	4.72	4.37
BA581	Coaxial Adapter, SMA Male / Mini UHF Male	5.75	5.40	5.06	4.72	4.37
BA582	Coaxial Adapter, SMA Male / Mini UHF Female	5.75	5.40	5.06	4.72	4.37
AXA-NMSF	Coaxial Adapter, SMA Female / Type N Male	3.99	3.83	3.67	3.39	2.99
AXA-NFSF	Coaxial Adapter, SMA Female / Type N Female	5.35	5.03	4.71	4.39	4.07
BA36	Coaxial Adapter, SMA Female / UHF Male	5.75	5.40	5.06	4.72	4.37
BA588	Coaxial Adapter, SMA Female / BNC Female	5.75	5.40	5.06	4.72	4.37
BA589	Coaxial Adapter, SMA Female / TNC Male	5.75	5.40	5.06	4.72	4.37
BA590	Coaxial Adapter, SMA Female / TNC Female	5.75	5.40	5.06	4.72	4.37
BA591	Coaxial Adapter, SMA Female / Mini UHF Male	5.75	5.40	5.06	4.72	4.37
AXA-MPSF	Coaxial Adapter, SMA Female / MCX Plug	5.75	5.40	5.06	4.72	4.37
BA3000	Coaxial Adapter, SMA Female / MMCX Female	6.00	5.64	5.28	4.92	4.56
☑RoHS SMB Interseries Coaxial Adapters - 50 Ohm						
AXA-SMBJSF	Coaxial Adapter, SMB Jack / SMA Female	4.75	4.37	3.99	3.61	3.23
AXA-SMBPSF	Coaxial Adapter, SMB Plug / SMA Female	5.75	5.29	4.83	4.37	3.91

Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

✓RoHS FME to BNC Interseries Coaxial Adapters - 50 and 75 Ohm - Useful in Cellular Applications

Many cellular communication devices utilize the FME connector on coaxial antenna lines. L-com offers a selection of highest quality components utilizing machined brass with nickel plated surfaces and gold plated pins.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA8016	Coaxial Adapter, FME Male / BNC Female, 50 Ohm	4.95	4.65	4.36	4.06	3.76
BA8005	Coaxial Adapter, FME Male / BNC Male, 75 Ohm	3.95	3.71	3.48	3.24	3.00
BA8006	Coaxial Adapter, FME Male / 90° BNC Male, 75 Ohm	4.95	4.65	4.36	4.06	3.76

✓RoHS 1.6/5.6 to BNC Interseries Coaxial Adapters - 50 Ohm - For Conversion to the European Standard

These machined adapters are great for converting standard BNC terminations to 1.6/5.6 terminations which are common in other areas of the world.

BA9200	Coaxial Adapter, BNC Male / 1.6/5.6 Female Adapter	7.95	7.47	7.00	6.52	6.04
BA9201	Coaxial Adapter, BNC Female / 1.6/5.6 Male Adapter	7.95	7.47	7.00	6.52	6.04

✓RoHS Type F Interseries Coaxial Adapters - 50 Ohm

BA120	Coaxial Adapter, Type F Male / BNC Female	1.95	1.83	1.72	1.60	1.48
BA121	Coaxial Adapter, Type F Male / TNC Male	1.95	1.83	1.72	1.60	1.48
BA125	Coaxial Adapter, Type F Female / BNC Male	1.95	1.83	1.72	1.60	1.48
BA127	Coaxial Adapter, Type F Female / TNC Female	1.95	1.83	1.72	1.60	1.48
BA220	Coaxial Adapter, Type F Female / BNC Female	1.95	1.83	1.72	1.60	1.48

✓RoHS RCA Interseries Coaxial Adapters - 50 and 75 Ohm

BA90	Coaxial Adapter, RCA Male / BNC Female, 50 Ohm	2.95	2.77	2.60	2.42	2.24
BA94	Coaxial Adapter, RCA Female / BNC Female, 50 Ohm	2.95	2.77	2.60	2.42	2.24
BA95	Coaxial Adapter, RCA Female / BNC Male, 50 Ohm	2.95	2.77	2.60	2.42	2.24
BA887	Coaxial Adapter, RCA Female / Type F Female, 50 Ohm	1.95	1.83	1.72	1.60	1.48
BA907	Coaxial Adapter, RCA Male / Type F Female, 75 Ohm	1.95	1.83	1.72	1.60	1.48

✓RoHS Type N Interseries Coaxial Adapters - 50 Ohm

BN107	Coaxial Adapter, Type N Male / BNC Male	5.75	5.40	5.06	4.72	4.37
BN109	Coaxial Adapter, Type N Male / BNC Female	5.75	5.40	5.06	4.72	4.37
AXA-NMSM	Coaxial Adapter, Type N Male / SMA Male	3.99	3.83	3.67	3.39	2.99
AXA-NMTF	Coaxial Adapter, Type N Male / TNC Female	3.99	3.83	3.67	3.39	2.99
AXA-NMFF	Coaxial Adapter, Type N Male / Type F Female	3.49	3.35	3.21	2.97	2.62
AXA-NMRSJ	Coaxial Adapter, Type N Male / RP-SMA Jack	4.99	4.79	4.59	4.24	3.74
AXA-NMRSP	Coaxial Adapter, Type N Male / RP-SMA Plug	4.99	4.79	4.59	4.24	3.74
AXA-NMRTJ	Coaxial Adapter, Type N Male / RP-TNC Jack	4.99	4.79	4.59	4.24	3.74
AXA-NMRTP	Coaxial Adapter, Type N Male / RP-TNC Plug	4.99	4.79	4.59	4.24	3.74
BN110	Coaxial Adapter, Type N Female / BNC Female	5.75	5.40	5.06	4.72	4.37
BN115	Coaxial Adapter, Type N Female / BNC Male	5.75	5.40	5.06	4.72	4.37
AXA-AMNFB	Coaxial Adapter, Type N Female Bulkhead / NMO	12.99	12.47	11.95	11.04	9.74
AXA-NFMUM	Coaxial Adapter, Type N Female / Mini-UHF Male	3.49	3.35	3.21	2.97	2.62
AXA-NFTM	Coaxial Adapter, Type N Female / TNC Male	3.49	3.35	3.21	2.97	2.62
AXA-NFRBP	Coaxial Adapter, Type N Female / RP BNC Plug	3.49	3.35	3.21	2.97	2.62
AXA-NFRSJ	Coaxial Adapter, Type N Female / RP-SMA Jack	4.99	4.79	4.59	4.24	3.74
AXA-RSJNFB	Coaxial Adapter, Type N Female Bulkhead / RP-SMA Jack	5.75	5.52	5.29	4.89	4.31
AXA-NFRSP	Coaxial Adapter, Type N Female / RP-SMA Plug	3.99	3.83	3.67	3.39	2.99
AXA-NFRTP	Coaxial Adapter, Type N Female / RP-TNC Plug	4.99	4.79	4.59	4.24	3.74
AXA-NFRTP2	Coaxial Adapter, Type N Female / RP-TNC Plug 1 Piece Design	4.99	4.79	4.59	4.24	3.74

✓RoHS Mini-UHF Interseries Coaxial Adapters - 50 Ohm

BA881	Coaxial Adapter, Mini-UHF Female / TNC Male	5.75	5.40	5.06	4.72	4.37
BA882	Coaxial Adapter, Mini-UHF Female / BNC Male	5.75	5.40	5.06	4.72	4.37
BA883	Coaxial Adapter, Mini-UHF Male / BNC Female	5.75	5.40	5.06	4.72	4.37
BA886	Coaxial Adapter, Mini-UHF Male / TNC Female	5.75	5.40	5.06	4.72	4.37

✓RoHS UHF Interseries Coaxial Adapters - 50 Ohm

BA40	Coaxial Adapter, UHF Male / RCA Female	2.95	2.77	2.60	2.42	2.24
BA130	Coaxial Adapter, UHF Female / Type F Male	2.95	2.77	2.60	2.42	2.24
BA140	Coaxial Adapter, UHF Female / RCA Male	2.95	2.77	2.60	2.42	2.24
BA160	Coaxial Adapter, UHF Male / Type F Female	2.95	2.77	2.60	2.42	2.24
BA230	Coaxial Adapter, UHF Female / BNC Female	3.95	3.71	3.48	3.24	3.00
BA270	Coaxial Adapter, UHF Male / BNC Male	2.95	2.77	2.60	2.42	2.24
BA301	Coaxial Adapter, UHF Female / Type F Female	2.95	2.77	2.60	2.42	2.24

✓RoHS TNC Interseries Coaxial Adapters - 50 Ohm

AXA-RTJRSP	Coaxial Adapter, RP-TNC Jack / RP-SMA Plug	3.99	3.83	3.67	3.39	2.99
AXA-RTPRSJ	Coaxial Adapter, RP-TNC Plug / RP-SMA Jack	3.99	3.83	3.67	3.39	2.99

BA40

BA130

BA140

BA160

BA230

BA270

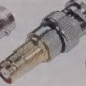
BA301

AXA-RTJRSP

BA8005

BA8006

BA8016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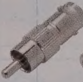
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BA94

BA95

BA887

BA907

BN107

BN109

BN110

BN115

AXA-NMFF

AXA-NMRSJ

AXA-NMRTJ

AXA-NMRTP

AXA-RSJNFB

BA881

BA882

BA883

BA886

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L-com® Global Connectivity

Coaxial Within Series Adapter Selection Matrix

Use this handy chart to locate the desired within series or T type adapter. Simply locate the connector type and configuration in the top row. Then find the connector type and gender in the left hand column. Intersect the row and column to determine availability. If a specific adapter type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Adapters listed are generally intended for use in the RF band.

	SAME GENDER IN SERIES				GENDER CHANGE IN SERIES			
INTERFACE SERIES	STRAIGHT	BULKHEAD	3 PORT TEE (F, F, F)	RIGHT ANGLE	STRAIGHT	RIGHT ANGLE	3 PORT TEE (F, M, F)	3 PORT F or Y
BNC FEMALE	BA80, BA80E, BIF-CB	BA1087, BA1089, BA1087E	BA832, BA832E			BA240	BA250, BA250E, BIF-TB1, BIF-TB2	BA840 (F), BA845 (Y)
BNC FEMALE (75 Ohms)	BA016	BA036, BA039	BA019			BA038	BA035	
BNC MALE	BA100							
F FEMALE		BA330A	BA132		BA124	BA126, BA123	BA133	
F MALE	BA122							
MINI UHF FEMALE	BA476					BA470		
MINI UHF MALE	BA478							
N FEMALE	BN120, BIF-CN, AXA-NFNF	AXA-NFNFB, AXA-NFNFB2	BN133			BN121	BN126	
N MALE	BN106, AXA-NMNM			AXA-NMNM90		AXA-NMNF90		
RCA FEMALE		BA400(R, G, B, Y), BA400A						
SMA FEMALE	BA23	BA21, AXA-SFSFB	BA18			BA20	BA19	
SMA MALE	BA22, AXA-SMSM							
RP-SMA PLUG	AXA-RSPRSP							
RP-SMA JACK		AXA-RSJRSJB						
TNC FEMALE		BA2301, BA1090			BA4000			
RP-TNC PLUG	AXA-RTPRTP							
RP-TNC JACK	AXA-RTJRTJ							
UHF FEMALE	BA170	BA406Z	BA303			BA404Z		
UHF MALE	BA280							

BA80

BA100

BA240

BA250

BA832

BA840

BA845

BA016

BA035

BA036

BA038

Best Seller

BA039

BA80E

BA250E

BA19

BA20

BA21 .313"
Ø D-hole

BA23

New

AXA-RSJRSJB

New

AXA-RSPRSP

RoHS BNC Within Series Adapters - 50 Ohm

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA80	Coaxial Adapter, BNC Female / Female	1.95	1.83	1.72	1.60	1.48
BA100	Coaxial Adapter, BNC Male / Male	2.95	2.77	2.60	2.42	2.24
BA240	Coaxial Adapter, BNC Female / 90° Male	3.95	3.71	3.48	3.24	3.00
BA250	Coaxial T Adapter, BNC Female / Male / Female	3.95	3.71	3.48	3.24	3.00
BA832	Coaxial T Adapter, BNC Female / Female / Female	4.05	3.81	3.56	3.32	3.08
BA840	Coaxial Adapter, BNC Male / Female / Female	7.95	7.47	7.00	6.52	6.04
BA845	Coaxial Adapter, BNC Female / Male / Female	7.95	7.47	7.00	6.52	6.04
BA1087	Coaxial Adapter, BNC Bulkhead, Female / Female, Grounded	3.95	3.71	3.48	3.24	3.00
BA1089	Coaxial Adapter, BNC Bulkhead, Female / Female, Insulated Ground	4.95	4.65	4.36	4.06	3.76

RoHS True 75 Ohm BNC Within Series Adapters - To Precisely Match All 75 Ohm Coaxial Cables

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA016	Coaxial Adapter, BNC Female / Female (Splice)	2.95	2.77	2.60	2.42	2.24
BA019	Coaxial T Adapter, BNC Female / Female / Female	4.95	4.65	4.36	4.06	3.76
BA035	Coaxial T Adapter, BNC Female / Male / Female	4.95	4.65	4.36	4.06	3.76
BA036	Coaxial Adapter, BNC Female / Female Bulkhead	4.95	4.65	4.36	4.06	3.76
BA038	Coaxial Adapter, BNC Male / 90° Female	4.95	4.65	4.36	4.06	3.76
BA039	Coaxial Adapter, BNC Female / Female Bulkhead	5.65	5.31	4.97	4.63	4.29

RoHS Economy BNC Adapters - 50 Ohm - Cast Metal Components Save on Production Costs

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA80E	Economy Coaxial Adapter, BNC Female / Female	1.25	1.17	1.10	1.03	0.95
BA250E	Economy Coaxial T Adapter, BNC Female / Male / Female	1.95	1.83	1.72	1.60	1.48
BA832E	Economy Coaxial T Adapter, BNC Female / Female / Female	2.95	2.77	2.60	2.42	2.24
BA1087E	Economy Coaxial Adapter, BNC Bulkhead Adapter, Grounded	2.95	2.77	2.60	2.42	2.24

RoHS SMA Within Series Adapters - 50 Ohm

L-com offers the interseries coaxial adapters to help you match any SMA terminated cable to any other. Adapters are machined nickel plated brass, contacts are gold plated.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA18	Coaxial Adapter, SMA Female / Female / Female	5.75	5.40	5.06	4.72	4.37
BA19	Coaxial Adapter, SMA Female / Male / Female	5.75	5.40	5.06	4.72	4.37
BA20	Coaxial Adapter, SMA Female / Male, 90°	5.75	5.40	5.06	4.72	4.37
BA21	Coaxial Adapter, SMA Female / Female (Bulkhead)	5.75	5.40	5.06	4.72	4.37
BA23	Coaxial Adapter, SMA Female / Female	5.75	5.40	5.06	4.72	4.37
AXA-SMSM	Coaxial Adapter, SMA Male / SMA Male Barrel Adapter	3.49	3.35	3.21	2.97	2.62
AXA-SFSFB	Coaxial Adapter, SMA Female / SMA Female Bulkhead Bullet Adapter	3.99	3.83	3.67	3.39	2.99
AXA-RSJRSJB	Coaxial Adapter, RP-SMA Jack / RP-SMA Jack Bulkhead Adapter	3.99	3.83	3.67	3.39	2.99
AXA-RSPRSP	Coaxial Adapter, RP-SMA Plug / RP-SMA Plug	3.99	3.83	3.67	3.39	2.99

RoHS Type F Within Series Adapters - 75 Ohm

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA122	Coaxial Adapter, Type F Male / Male	1.95	1.83	1.72	1.60	1.48
BA123	Coaxial Adapter, Type F Female / Male, Right Angle	1.95	1.83	1.72	1.60	1.48
BA124	Coaxial Adapter, Type F Male Push-on / Female	1.25	1.17	1.10	1.03	0.95
BA126	Coaxial Adapter, Type F Female / Male Push On, 90°	1.95	1.83	1.72	1.60	1.48
BA132	Coaxial T Adapter, Type F Female / Female / Female	2.95	2.77	2.60	2.42	2.24
BA133	Coaxial T Adapter, Type F Male Push-on / Female / Female	2.95	2.77	2.60	2.42	2.24
BA330A	Coaxial Bulkhead Adapter, Type F Female / Female, (.5/1.3cm D-Hole)	1.95	1.83	1.72	1.60	1.48

BA122

BA123

BA124

BA126

BA132

BA133

BA330A

L-com® Global Connectivity

Connector reference chart
A handy listing of popular connectors.
L-com.com/ConnectorChart

☑RoHS RCA Female Feed-Thru Adapter - 75 Ohm - with Red, Green, Blue, Yellow or White Insulators

These RCA feed-thru adapters feature color coded insulators for video and audio applications. This color coding helps avoid improper connections.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA400R	Coaxial Adapter, RCA Bulkhead Female / Female, Red Insulator		3.65	3.43	3.21	2.99	2.77
BA400G	Coaxial Adapter, RCA Bulkhead Female / Female, Green Insulator		3.65	3.43	3.21	2.99	2.77
BA400B	Coaxial Adapter, RCA Bulkhead Female / Female, Blue Insulator		3.65	3.43	3.21	2.99	2.77
BA400Y	Coaxial Adapter, RCA Bulkhead Female / Female, Yellow Insulator		3.65	3.43	3.21	2.99	2.77
BA400	Coaxial Adapter, RCA Bulkhead Female / Female, White Insulator		3.65	3.43	3.21	2.99	2.77
BA400A	Coaxial Adapter, RCA Bulkhead Female / Female, 0.5" (1.3cm) Circular Hole		3.65	3.43	3.21	2.99	2.77

☑RoHS Type N Within Series Adapters - 50 Ohm

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
AXA-NMNM	Coaxial Adapter, Type N Male / Male Barrel Adapter		3.99	3.83	3.67	3.39	2.99
AXA-NFNF	Coaxial Adapter, Type N Female / Female Bullet Adapter		3.99	3.83	3.67	3.39	2.99
AXA-NMNM90	Coaxial Adapter, Type N Male / Male Right Angle Adapter		5.99	5.75	5.51	5.09	4.49
AXA-NMNF90	Coaxial Adapter, Type N Male / Female Right Angle Adapter		5.99	5.75	5.51	5.09	4.49
AXA-NFNFB2	Coaxial Adapter, Type N Female / Female 1/4" (0.6cm) (Bulkhead)		3.49	3.35	3.21	2.97	2.62
AXA-NFNFB	Coaxial Adapter, Type N Female / Female 1/8" (0.3cm) (Bulkhead)		3.49	3.35	3.21	2.97	2.62
BN126	Coaxial T Adapter, Type N Female / Female / Male		5.75	5.40	5.06	4.72	4.37
BN133	Coaxial T Adapter, Type N Female / Female / Female		5.75	5.40	5.06	4.72	4.37

☑RoHS Mini-UHF Within Series Adapters - 50 Ohm

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA470	Coaxial Adapter, Mini-UHF Female / 90° Male		5.99	5.93	5.87	5.81	5.75
BA476	Coaxial Adapter, Mini-UHF Female / Female		3.95	3.91	3.87	3.83	3.79
BA478	Coaxial Adapter, Mini-UHF Male / Male		3.95	3.71	3.48	3.24	3.00

☑RoHS UHF Within Series Adapters - 50 Ohm

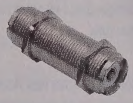
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA170	Coaxial Adapter, UHF Female / Female		2.95	2.77	2.60	2.42	2.24
BA280	Coaxial Adapter, UHF Male / Male		2.95	2.77	2.60	2.42	2.24
BA303	Coaxial T Adapter, UHF Female / Female / Female		5.95	5.59	5.24	4.88	4.52
BA404Z	Coaxial Adapter, UHF Male / 90° Female		5.95	5.59	5.24	4.88	4.52
BA406Z	Coaxial Adapter, UHF Feed-Thru Female / Female		5.95	5.59	5.24	4.88	4.52

BA170

BA280

BA303

BA404Z


BA406Z

☑RoHS TNC Within Series Adapters - 50 Ohm

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA2301	Coaxial Adapter, TNC Bulkhead, Female / Female, Grounded		4.95	4.65	4.36	4.06	3.76
BA1090	Coaxial Adapter, TNC Bulkhead, Female / Female, Insulated Ground		5.95	5.59	5.24	4.88	4.52
BA4000	Coaxial Adapter, TNC Male / Female		3.75	3.52	3.30	3.08	2.85
AXA-RTJRTJ	Coaxial Adapter, RP-TNC Jack to RP-TNC Jack Bullet Adapter		3.99	3.83	3.67	3.39	2.99
AXA-RTPRTP	Coaxial Adapter, RP-TNC Plug to RP-TNC Plug Barrel Adapter		3.49	3.35	3.21	2.97	2.62
AXA-RTPRTJ90	Coaxial Adapter, RP-TNC Plug to RP-TNC Jack, Right Angle		5.75	5.52	5.29	4.89	4.31

☑RoHS Insulated Coaxial Connections - 50 Ohm - Needed to Prevent Ground Loops and Noise

Data signals are particularly susceptible to both ground loop and common mode interference. Reducing the number of ground points of a coaxial wiring system reduces the number of potential ground loops and multiple noise currents.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BIF-CB	Coaxial Coupler, BNC Female / Female		2.95	2.77	2.60	2.42	2.24
BIF-CN	Coaxial Coupler, Type N Female / Female		6.95	6.53	6.12	5.70	5.28
BIF-TB1	Coaxial T Adapter, BNC Female / Male / Female		5.65	5.31	4.97	4.63	4.29
BIF-TB2	Coaxial T Adapter, BNC Female / Male / Female		5.95	5.59	5.24	4.88	4.52

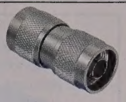
☑RoHS BNC Connector Identifiers/Insulators - Take on New Look with Color-Coded Insulated Covers

The conventional BNC crimp connector may now be modified to be fully insulated, helping eliminate ground loop problems. Our colorful slip-on insulated covers are quick to assemble and provide color coding. The hood cover is installed over the BNC movable collar; the plastic bend strain protector is slipped on over ferrule after the crimping operation. An important feature is the added support offered by the bend-protector; it helps prevent cable breakage.

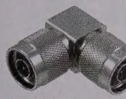
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BIF-H0	Coaxial Connector Cover for BNC, Pkg/10	Black	1.95	1.79	1.64	1.48	1.33
BIF-H2	Coaxial Connector Cover for BNC, Pkg/10	Red	1.95	1.79	1.64	1.48	1.33
BIF-H5	Coaxial Connector Cover for BNC, Pkg/10	Green	1.95	1.79	1.64	1.48	1.33
BIF-H6	Coaxial Connector Cover for BNC, Pkg/10	Blue	1.95	1.79	1.64	1.48	1.33
BIF-H9	Coaxial Connector Cover for BNC, Pkg/10	White	1.95	1.79	1.64	1.48	1.33
BIF-P0-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Black	1.75	1.61	1.47	1.33	1.19
BIF-P2-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Red	1.75	1.61	1.47	1.33	1.19
BIF-P5-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Green	1.75	1.61	1.47	1.33	1.19
BIF-P6-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	Blue	1.75	1.61	1.47	1.33	1.19
BIF-P9-58	Coaxial Plastic Bend Protector for RG58, Pkg/10	White	1.75	1.61	1.47	1.33	1.19
BIF-P0-59/62	Coaxial Plastic Bend Protector for RG59/62, Pkg/10	Black	1.75	1.61	1.47	1.33	1.19
BIF-P2-59/62	Coaxial Plastic Bend Protector for RG59/62, Pkg/10	Red	1.75	1.61	1.47	1.33	1.19
BIF-P5-59/62	Coaxial Plastic Bend Protector for RG59/62, Pkg/10	Green	1.75	1.61	1.47	1.33	1.19
BIF-P6-59/62	Coaxial Plastic Bend Protector for RG59/62, Pkg/10	Blue	1.75	1.61	1.47	1.33	1.19
BIF-P9-59/62	Coaxial Plastic Bend Protector for RG59/62, Pkg/10	White	1.75	1.61	1.47	1.33	1.19

Some Connectors are sold in 10-Packs. See website for details. Adapters are sold individually.

BA400R


AXA-NMNM

AXA-NFNF


AXA-NMNM90

AXA-NFNFB2

AXA-NFNFB

BN126

BN133

BA470

BA476

BA478

BA2301
BA1090

BA4000

AXA-RTJRTJ

AXA-RTPRTP

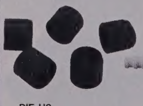
AXA-RTPRTJ90

BIF-CB

BIF-CN

BIF-TB1

BIF-TB2


BIF-H0
Pkg/10

BIF-P9-58
Pkg/10

Helpful videos
How-to videos help with some of today's popular product applications. L-com.com/Tips

BAK300

BAK400

BA1200K

BA1700K

BA1800K

Deluxe Coaxial Adapter Kit - Immediate Assembly of 108 Adapters

Thirty component parts interchangeably screw together to form up to 108 different types of coaxial adapters, all in a matter of seconds. Disassemble them when you're through, for use next time. Truly a problem solver for those unique situations and it replaces a drawer full of adapters. Premium quality, having gold center pins and Teflon insulators for good conductivity and low loss. All components are gold plated to prevent long term oxidation. The deluxe coaxial adapter kit contains male and female: Type N, BNC, TNC, SMA, UHF and Mini-UHF types of interconnections. Mix and match to suit your immediate needs. Supplied in a handy leatherette, zippered storage case ideal for portable use.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BAK300	Deluxe Coaxial Adapter Kit	125.00	120.00	115.00	110.00	105.00

Premium Coaxial Adapter Kit - Assemble up to 192 Different Adapters

Forty component parts interchangeably screw together to form up to 192 different types of coaxial adapters. The secret is the special in-between fittings that allow you to assemble virtually any coaxial adapter in a matter of seconds. Mix and match to suit your needs. Disassemble them when you're through for use next time. A problem solver for those unique situations and it replaces a drawer full of adapters. Premium quality, featuring gold plated pins and Teflon insulators and gold plated overall. Kit assembles the same types as the BAK300, plus RCA-Phono and Type F. Supplied in portable black leatherette zippered storage case. No technician or third party maintenance person should be without this.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BAK400	Premium Coaxial Adapter Kit	150.00	144.00	138.00	132.00	126.00

SMA Interseries Adapter Kit - 10 of the Most Commonly Used Adapters

The BA1200K includes 10 of the most commonly used SMA interseries adapters. This kit is a super value versus buying the parts separately and includes a free 7 compartment plastic case. Adapters included are: BA20, BA23 (2), BA28 (2), BA29 (2), BA34, BA38, BA588.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1200K	SMA Interseries Adapter Kit	49.95	46.95	43.96	40.96	37.96

BNC Within Series Adapter Kit

This useful adapter kit offers a super value to buying parts separately. Kit includes various BNC adapters as well as 3 port tees and right angle configurations all stored in a multi compartment storage case. Adapters are machined and plated for corrosion resistance and long life.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1700K	BNC Adapter Kit	39.95	37.55	35.16	32.76	30.36

BNC Interseries Assortment - Adapters to Mate SMA, UHF, RCA and Type F

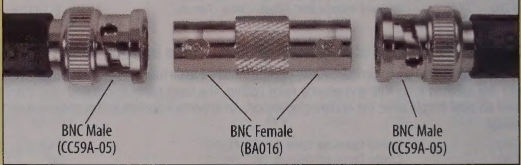
A handy adapter assortment to have in the lab or workshop. How many times did you come up with a mismatch in coaxial cables and nowhere to turn to make the connection? We have the answer with our Interseries Assortment that contains eleven adapters, one each of the following: BA28, BA38, BA50, BA60, BA90, BA94, BA95, BA120, BA125, BA220 and BA230. Seven compartment carry case included.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1800K	BNC Interseries Adapter Assortment	39.95	37.55	35.16	32.76	30.36

Tip *What is the difference between a WITHIN SERIES coaxial adapter and an INTERSERIES coaxial adapter?*

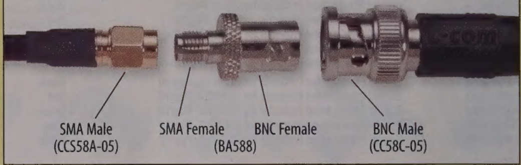
A **WITHIN SERIES** coaxial adapter connects between two interfaces of the same series (i.e. SMA to SMA) in female to female, male to female or male to male configurations.

Within Series Coaxial Adapter (Female to Female)



An **INTERSERIES** coaxial adapter connects between two interfaces of different series (i.e. SMA to BNC) in female to female, male to female or male to male configurations.

Interseries Coaxial Adapter (Female to Female)



"The info in your catalog about how connectors work, how to assemble connectors and so forth is invaluable. It's helped me figure things out many times." - Rich B.

Coaxial Connector Selection Matrix

Use this handy chart to locate the desired coaxial connector. Simply locate the connector type and gender in the top row. Then find the coaxial cable type in the left hand column. Intersect the row and column to determine availability. Connectors shown in this matrix are listed on pages 184 thru 187. If a specific connector type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance. Connectors listed are generally intended for use in the RF band. Assembly tools can be found on pages 192 and 193.

	PLUG TYPES												
CABLE TYPE	BNC	TNC	RP-TNC	SMA	RP-SMA	SMB	QMA	TYPE N	RP-TYPE N	MCX	MMCX	TYPE F	RCA
RG6 (75 Ohm)	BAC026, BAC029 BAC032											BAC-CFS6U BAC529 BAC-EX6	BAC700-6
RG6Q (75 Ohm)	BAC042												
RG58 (50 Ohm)	BAC836A-58 BAC10A BIF-83 BAC838-58	BAC898-58 BAC500 BAC525		BAC03 BAC03-G BAC02 BAC02-G				BAC519					
RG58 (50 Ohm) Plenum	BAC836A-58P												
RG59 (75 Ohm) Plenum	BAC028, BAC031, BAC541												
RG59/6 (75 Ohm)	BAC027, BAC027A BAC030, BAC836A-59 BAC033, BAC024 BAC706, BAC985 BAC543	BAC933-59 BAC893-59 BAC709 BAC986										BAC-CFS59U BAC530 BAC-EX59	BAC700-59
RG142		BAC545						BAC533					
RG174/188/316 (50 Ohm)	BAC836B-74 BAC546	BAC531 BAC541	BAC541	BAC03A, BAC03A-G BAC02A, BAC02A-G BAC502				BAC523 ANM-1114	ARTP-1100	BAC507 BAC508	BAC509 BAC510 ARMMP-1100		
RG179/187/CTL (75 Ohm)	BAC836B-87 BAC551												
RG213 (50 Ohm)		BAC504						BAN111, BAC506					
RG223 (50 Ohm)	BAC547	BAC534						BAC533, BAC536					
734 (75 Ohm)	BAC-UPL220-025												
735 (75 Ohm)	BAC-UPL220-026												
1505A (75 Ohm)	BAC-UPL2000-D2B												
1506A (75 Ohm)	BAC-UPL2000-D8B												
BELDEN 9913	HPC992	HPC993						HPC994					
BELDEN 7807	HPC782	HPC783		HPC781									
PANEL MOUNT	BAC1501												
Low Loss 100 Series				ASM-1102	ARSP-1100	ASMBP-1100, ASMBP-1102		ANM-1114		AMM-1102	AMMM-1100 AMMM-1104 AMMM-1106		
Low Loss 195 Series	ABM-1700, ABM-1702	ATM-1700	ARTP-1708 ARTP-1714	ASM-1714 ASM-1710 ASM-1708	ARSP-1700 ARSP-1702		AQP-1700, AQP-1702	ANM-1700 ANM-1716	ARNP-1700			AFM-1700	
Low Loss 200 Series		ATM-1204	ARTP-1200	HPC201, HPC202	ARSP-1202			ANM-1202	ARNP-1202				
Low Loss 240 Series		ATM-1506	ARTP-1502	ASM-1504	ARSP-1504			ANM-1508, ANM-1516					
Low Loss 300 Series			ARTP-1312					ANM-1304					
Low Loss 400 Series		ATM-1402 ATML-1400	ARTP-1404	HPC401, HPC402, ASM-1406	ARSP-1404			HPC404, ANM-2400, ANM-1406, ANM-1416 ANM-2402	ARNP-1404				
Low Loss 600 Series		ATM-1608	ARTP-1606					ANM-2602, ANM-1610, ANM-1616					
Low Loss 900 Series								ANM-2904					

	JACK TYPES										
CABLE TYPE	BNC	TNC	RP-TNC	SMA	RP-SMA	SMB	TYPE N	RP-TYPE N	QMA	FME	TYPE F
RG6 (75 Ohm)	BAC516										
RG58 (50 Ohm)	BAC515, BAC522	BAC513, BAC501 BAC518		BAC05, BAC04			BAC524				
RG58 (50 Ohm) Plenum							BAC527				
RG59/6 (75 Ohm)	BAC908-59 BAC014, BAC552	BAC901-59, BAC934-59									BAC520
RG142	BAC548	BAC553, BAC554					BAC544				
RG174/188/316 (50 Ohm)	BAC517, BAC540	BAC514, BAC528		BAC05A, BAC06A BAC503, BAC512							
RG179/187/CTL (75 Ohm)	BAC550										BAC535
RG223 (50 Ohm)							BAC544, BAC542				
Panel Mount	BAC260, BAC1503 BAC70A			BAC16			BAN113				
Low Loss 100 Series			ARTJ-1100			ASMBJ-1100					
Low Loss 195 Series		ATF-3700, ATF-1700	ARTJ-1708, ARTJ-3702	ASF-3700, ASF-1708	ARSJ-3700, ARSJ-1700		ANF-3700, ANF-1700 ANF-5700	ARNJ-1700	AQJ-3700	AFMEJ-1700	
Low Loss 200 Series							ANF-1202				
Low Loss 240 Series		ATF-1506					ANF-1508				
Low Loss 300 Series							ANF-1304				
Low Loss 400 Series		ATF-1402	ARTJ-3400, ARTJ-1404		ARSJ-1404		ANF-2400, ANF-1406	ARNJ-1404			
Low Loss 600 Series			ARTJ-1606				ANF-2602, ANF-1610				
Low Loss 900 Series							ANF-2904				

Product Wizards
Find the exact product you need with our easy-to-use wizards. L-com.com/ProductWizards

L-com® Global Connectivity

Coaxial Connectors

In addition to the most popular styles, L-com also provides harder to find connectors for all your application needs. Configurations include crimp style, clamp style, bulkhead style and panel mount connectors. Each connector is precision manufactured using only the highest quality materials.

☑RoHS TNC Coaxial Connectors, 50 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC893-58	TNC Male	RG58	Crimp	2.50	2.35	2.20	2.05	1.90
BAC525	TNC Male, Right Angle	RG58	Crimp	4.75	4.46	4.18	3.90	3.61
BAC545	TNC Male	RG142 / RG223 / RG400	Crimp	5.00	4.70	4.40	4.10	CALL
BAC531	TNC Male	RG174 / RG188 / RG316	Crimp	5.50	5.17	4.84	4.51	4.18
BAC504	TNC Male	RG213	Crimp	2.50	2.35	2.20	2.05	1.90
ATM-1204	TNC Male	Low-Loss 200-Series	Crimp	3.15	3.02	2.90	2.68	2.36
ATM-1506	TNC Male	Low-Loss 240-Series	Crimp	3.69	3.54	3.39	3.14	2.77
ATM-1402	TNC Male	Low-Loss 400-Series	Crimp	3.69	3.54	3.39	3.14	2.77
ATML-1400	TNC Male Reverse Thread	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
BAC513	TNC Female	RG58	Crimp	2.50	2.35	2.20	2.05	1.90
BAC514	TNC Female	RG174 / 188/316	Crimp	2.50	2.35	2.20	2.05	1.90
BAC528	TNC Female Bulkhead	RG174 / 188/316	Crimp	6.00	5.64	5.28	4.92	4.56
BAC553	TNC Female	RG142 / RG223 / RG400	Crimp	5.50	5.17	4.84	4.51	4.18
BAC554	TNC Female Bulkhead	RG142 / RG223 / RG400	Crimp	6.25	5.88	5.50	5.13	4.75
ATF-1700	TNC Female	Low-Loss 195-Series, RG58	Crimp	1.69	1.62	1.55	1.44	1.27
ATF-1506	TNC Female	Low-Loss 240-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ATF-1402	TNC Female	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ATF-3700	TNC Female Bulkhead	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ARTP-1A10	Reverse Polarity TNC Plug	RG6	Crimp	3.15	3.02	2.90	2.68	2.36
BAC500	Reverse Polarity TNC Plug	RG58	Crimp	4.95	4.55	4.16	3.76	3.37
ARTP-1100	Reverse Polarity TNC Plug	RG316 / RG174 / RG188	Crimp	4.95	4.55	4.16	3.76	3.37
ARTP-1708	Reverse Polarity TNC Plug	Low-Loss 195-Series, RG58	Crimp	3.15	3.02	2.90	2.68	2.36
ARTP-1200	Reverse Polarity TNC Plug	Low-Loss 200-Series	Crimp	3.15	3.02	2.90	2.68	2.36
ARTP-1502	Reverse Polarity TNC Plug	Low-Loss 240-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ARTP-1312	Reverse Polarity TNC Plug	Low-Loss 300-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ARTP-1404	Reverse Polarity TNC Plug	Low-Loss 400-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ARTP-1606	Reverse Polarity TNC Plug	Low-Loss 600-Series	Crimp	5.25	5.04	4.83	4.46	3.94
BAC501	Reverse Polarity TNC Jack	RG58	Crimp	4.95	4.55	4.16	3.76	3.37
ARTJ-3702	Reverse Polarity TNC Jack Bulkhead	Low-Loss 195-Series, RG58	Crimp	3.15	3.02	2.90	2.68	2.36
ARTJ-1708	Reverse Polarity TNC Jack	Low-Loss 195-Series, RG58	Crimp	3.15	3.02	2.90	2.68	2.36
ARTJ-3400	Reverse Polarity TNC Jack Bulkhead	Low-Loss 400-Series	Crimp	3.15	3.02	2.90	2.68	2.36
ARTJ-1404	Reverse Polarity TNC Jack	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ARTJ-1606	Reverse Polarity TNC Jack	Low-Loss 600-Series	Crimp	3.49	3.35	3.21	2.97	2.62

☑RoHS TNC Coaxial Connectors, 75 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC893-59	TNC Male	RG59	Crimp	2.50	2.35	2.20	2.05	1.90
BAC933-59	TNC Male	RG59	Twist On	3.25	3.05	2.86	2.67	2.47
BAC709	TNC Male, Right Angle	RG59	Crimp	4.75	4.46	4.18	3.90	3.61
BAC986	TNC Male, Right Angle	RG59	Twist On	4.75	4.46	4.18	3.90	3.61
BAC934-59	TNC Female	RG59	Crimp	4.75	4.46	4.18	3.90	3.61
BAC901-59	TNC Female	RG59	Twist On	4.75	4.46	4.18	3.90	3.61

☑RoHS SMA Coaxial Connectors, 50 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC03-G	SMA Male, Gold	RG58	Crimp	4.25	3.99	3.74	3.49	3.23
BAC02-G	SMA Male, Right Angle Gold	RG58	Crimp	4.25	3.99	3.74	3.49	3.23
ASM-1710	SMA Male, Right Angle 195-Series	RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ASM-1708	SMA Male, Straight 195-Series	RG58	Crimp	3.49	3.35	3.21	2.97	2.62
BAC02A	SMA Male, Right Angle Nickel	RG174 / 188 / 316	Crimp	4.25	3.99	3.74	3.49	3.23
BAC03A	SMA Male, Nickel	RG174 / 188 / 316	Crimp	4.25	3.99	3.74	3.49	3.23
BAC03A-G	SMA Male, Gold	RG174 / 188 / 316	Crimp	4.25	3.99	3.74	3.49	3.23
BAC02A	SMA Male, Right Angle Nickel	RG174 / 188 / 316	Crimp	4.25	3.99	3.74	3.49	3.23
BAC02A-G	SMA Male, Right Angle Gold	RG174 / 188 / 316	Crimp	3.95	3.63	3.32	3.00	2.69
ASM-1102	SMA Male	Low-Loss 100-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ASM-1504	SMA Male	Low-Loss 240-Series	Crimp	3.15	3.02	2.90	2.68	2.36
ASM-1406	SMA Male	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
HPC401	SMA Male	Low-Loss 400-Series	Crimp	9.50	8.74	7.98	7.22	6.46
BAC06A	SMA Female, Bulkhead Gold	RG174 / 188 / 316	Crimp	5.25	4.93	4.62	4.31	3.99
BAC05A	SMA Female, Nickel	RG174 / 188 / 316	Crimp	5.25	4.93	4.62	4.31	3.99
ASF-3700	SMA Female, Bulkhead	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ASF-1708	SMA Female	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
BAC503	Reverse Polarity SMA Jack, Bulkhead	RG174 / 188 / 316	Crimp	4.95	4.55	4.16	3.76	3.37
BAC512	Reverse Polarity SMA Jack	RG174 / 188 / 316	Crimp	5.50	5.17	4.84	4.51	4.18
ARSJ-3700	Reverse Polarity SMA Jack, Bulkhead	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ARSJ-1700	Reverse Polarity SMA Jack	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ARSJ-1404	Reverse Polarity SMA Jack	Low-Loss 400-Series	Crimp	4.19	4.02	3.85	3.56	3.14
BAC502	Reverse Polarity SMA Plug	RG174 / 188 / 316	Crimp	4.95	4.55	4.16	3.76	3.37
ARSP-1100	Reverse Polarity SMA Plug	Low-Loss 100-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ARSP-1700	Reverse Polarity SMA Plug	Low-Loss 195-Series, RG58	Crimp	4.30	4.13	3.96	3.65	3.22
ARSP-1702	Reverse Polarity SMA Plug, Right Angle	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ARSP-1202	Reverse Polarity SMA Plug	Low-Loss 200-Series	Crimp	3.49	3.35	3.21	2.97	2.62
HPC202	Reverse Polarity SMA Plug	Low-Loss 200-Series	Crimp	6.25	5.88	5.50	5.13	4.75
ARSP-1504	Reverse Polarity SMA Plug	Low-Loss 240-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ARSP-1404	Reverse Polarity SMA Plug	Low-Loss 400-Series	Crimp	5.25	5.04	4.83	4.46	3.94
HPC402	Reverse Polarity SMA Plug	Low-Loss 400-Series	Crimp	10.50	9.66	8.82	7.98	7.14

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✓RoHS Type N Coaxial Connectors, 50 Ohm

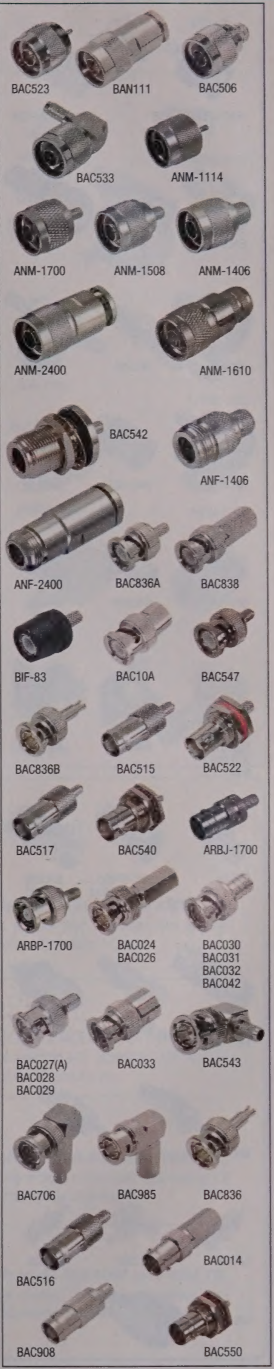
Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
ANM-1A18	Type N Male	RG6	Crimp	3.49	3.35	3.21	2.97	2.62
BAC536	Type N Male	RG142, RG400	Crimp	5.50	5.17	4.84	4.51	4.18
BAC523	Type N Male	RG174	Crimp	6.75	6.34	5.94	5.54	5.13
BAN111	Type N Male	RG213	Clamp	6.25	5.88	5.50	5.13	4.75
BAC506	Type N Male	RG213	Crimp	6.00	5.64	5.28	4.92	4.56
BAC533	Type N Male Right Angle	RG223	Crimp	6.75	6.34	5.94	5.54	5.13
ANM-1114	Type N Male	RG316, RG174, RG188	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-1700	Type N Male	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-1716	Type N Male Right Angle	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ANM-1202	Type N Male	Low-Loss 200-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-1508	Type N Male	Low-Loss 240-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-1516	Type N Male Right Angle	Low-Loss 240-Series	Crimp	6.29	6.04	5.79	5.35	4.72
ANM-1304	Type N Male	Low-Loss 300-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-1416	Type N Male Right Angle	Low-Loss 400-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ANM-1406	Type N Male	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANM-2400	Type N Male	Low-Loss 400-Series	Clamp	3.69	3.54	3.39	3.14	2.77
ANM-2402	Type N Male Right Angle	Low-Loss 400-Series	Clamp	7.85	7.54	7.22	6.67	5.89
ANM-2602	Type N Male	Low-Loss 600-Series	Clamp	5.25	5.04	4.83	4.46	3.94
ANM-1610	Type N Male	Low-Loss 600-Series	Crimp	6.29	6.04	5.79	5.35	4.72
ANM-1616	Type N Male Right Angle	Low-Loss 600-Series	Crimp	6.29	6.04	5.79	5.35	4.72
ANM-2904	Type N Male	Low-Loss 900-Series	Clamp	29.99	28.19	26.39	24.59	22.79
ANF-1A18	Type N Female	RG6	Crimp	3.49	3.35	3.21	2.97	2.62
BAC527	Type N Female	RG174	Crimp	7.25	6.81	6.38	5.95	5.51
BAC542	Type N Female Bulkhead	RG55 / RG141 / RG142 / RG233	Crimp	4.95	4.75	4.55	4.21	3.71
ANF-3700	Type N Female Bulkhead	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ANF-1700	Type N Female	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ANF-5700	Type N Female Panel Mount	Low-Loss 195-Series, RG58	Crimp	3.69	3.54	3.39	3.14	2.77
ANF-1202	Type N Female	Low-Loss 200-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANF-1508	Type N Female	Low-Loss 240-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANF-1304	Type N Female	Low-Loss 300-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANF-1406	Type N Female	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62
ANF-2400	Type N Female	Low-Loss 400-Series	Clamp	3.69	3.54	3.39	3.14	2.77
ANF-2602	Type N Female	Low-Loss 600-Series	Clamp	4.99	4.79	4.59	4.24	3.74
ANF-1610	Type N Female	Low-Loss 600-Series	Crimp	6.29	6.04	5.79	5.35	4.72
ANF-2904	Type N Female	Low-Loss 900-Series	Clamp	49.99	47.99	45.99	42.49	37.49
ARNJ-1700	Reverse Polarity Type N Jack	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ARNJ-1404	Reverse Polarity Type N Jack	Low-Loss 400-Series	Crimp	4.19	4.02	3.85	3.56	3.14
ARNP-1700	Reverse Polarity Type N Plug	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
ARNP-1404	Reverse Polarity Type N Plug	Low-Loss 400-Series	Crimp	4.19	4.02	3.85	3.56	3.14

✓RoHS BNC Coaxial Connectors, 50 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC836A-58	BNC Male	RG58	Crimp	2.75	2.59	2.42	2.26	2.09
BAC836A-58P	BNC Male	RG58 Plenum	Crimp	3.50	3.29	3.08	2.87	2.66
BAC838-58	BNC Male	RG58	Twist On	4.25	3.99	3.74	3.49	3.23
BIF-83	BNC Male, Insulated	RG58	Crimp	4.25	3.99	3.74	3.49	3.23
BAC10A	BNC Male	RG58	Clamp	4.25	3.99	3.74	3.49	3.23
BAC547	BNC Male	RG142 / 223 / 400	Crimp	2.50	2.35	2.20	2.05	1.90
BAC836B-74	BNC Male	RG174 / 188 / 316	Crimp	4.75	4.46	4.18	3.90	3.61
BAC546	BNC Male, Right Angle	RG174 / 188 / 316	Crimp	4.75	4.46	4.18	3.90	3.61
BAC515	BNC Female	RG58	Crimp	4.25	3.99	3.74	3.49	3.23
BAC522	BNC Female Bulkhead	RG58	Crimp	5.25	4.93	4.62	4.31	3.99
BAC548	BNC Female	RG142	Crimp	4.75	4.46	4.18	3.90	3.61
BAC517	BNC Female	RG174 / 188 / 316	Crimp	4.25	3.99	3.74	3.49	3.23
BAC540	BNC Female	RG174 / 188 / 316	Crimp	4.00	3.76	3.52	3.28	3.04
ARBJ-1700	Reverse Polarity BNC Jack	Low-Loss 195-Series, RG58	Crimp	3.15	3.02	2.90	2.68	2.36
ARBP-1700	Reverse Polarity BNC Plug	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
ARBP-1402	Reverse Polarity BNC Plug	Low-Loss 400-Series	Crimp	3.49	3.35	3.21	2.97	2.62

✓RoHS BNC Coaxial Connectors, 75 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC026	BNC Male	RG6	Twist On	3.25	3.05	2.86	2.67	2.47
BAC032	BNC Male	RG6	Crimp (2 Pc)	3.25	3.05	2.86	2.67	2.47
BAC029	BNC Male	RG6	Crimp (3 Pc)	3.25	3.05	2.86	2.67	2.47
BAC042	BNC Male	RG6-Q	Crimp	2.25	2.11	1.98	1.85	1.71
BAC024	BNC Male	RG59	Twist On	3.25	3.05	2.86	2.67	2.47
BAC027	BNC Male	RG59 (23 AWG C.C.)	Crimp	3.25	3.05	2.86	2.67	2.47
BAC027A	BNC Male	RG59 (20 AWG C.C.)	Crimp	3.25	3.05	2.86	2.67	2.47
BAC028	BNC Male	RG59 Plenum	Crimp (3 Pc)	3.25	3.05	2.86	2.67	2.47
BAC030	BNC Male	RG59	Crimp (2 Pc)	3.25	3.05	2.86	2.67	2.47
BAC031	BNC Male	RG59 Plenum	Crimp (2 Pc)	3.25	3.05	2.86	2.67	2.47
BAC033	BNC Male	RG59	Solder	4.25	3.99	3.74	3.49	3.23
BAC543	BNC Male, Right Angle	RG59	Crimp	4.75	4.46	4.18	3.90	3.61
BAC706	BNC Male, Right Angle	RG59/6	Crimp	5.75	5.40	5.06	4.72	4.37
BAC985	BNC Male, Right Angle	RG59/6	Twist On	5.75	5.40	5.06	4.72	4.37
BAC836A-59	BNC Male	RG59/6	Crimp	2.75	2.59	2.42	2.26	2.09
BAC551	BNC Male, Right Angle	RG179, RG187	Crimp	5.25	4.93	4.62	4.31	3.99
BAC836B-87	BNC Male	RG187/CTL	Crimp	2.75	2.59	2.42	2.26	2.09
BAC516	BNC Female	RG6	Crimp	3.95	3.71	3.48	3.24	3.00
BAC014	BNC Female	RG59	Twist On	3.95	3.71	3.48	3.24	3.00
BAC908-59	BNC Female	RG59/6	Crimp	3.95	3.71	3.48	3.24	3.00
BAC552	BNC Female Bulkhead	RG59	Crimp	5.25	4.93	4.62	4.31	3.99
BAC550	BNC Female Bulkhead	RG179	Crimp	4.00	3.76	3.52	3.28	3.04



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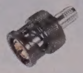

BAC-UPL2000-D8B

BAC-UPL220-026

BAC928

HPC992

HPC993

HPC994

HPC781

HPC782

HPC783

BAC1501

BAC1503

BAC70A

BAC260

BAC930

BAC440
Fits .375"
(1.0 cm)
hole

BAN113

ANF-4000

BAC16

BAC-CFS6U
BAC-CFS59U

BAC529
BAC530

BAC-EX6
BAC-EX59

BAC520

BAC535

BAC700-6

BAC700-59

BAC507

BAC508

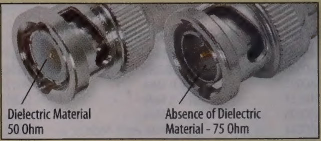
BAC526

AUM-1402

Tip

Distinguishing between 50 and 75 Ohm BNC connectors

BNC connectors are one of the few coaxial connectors that are available in two impedance values of 50 and 75 Ohms. You can distinguish the two types by the absence of dielectric material at the interface of the 75 Ohm version as shown.



✓RoHS Digital Grade BNC Connectors for 1505A and 1506A Cable, 75 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC-UPL2000-D2B	BNC Male	1505A Coax	Crimp	8.50	8.16	7.82	7.48	7.14
BAC-UPL2000-D8B	BNC Male	1506A Plenum Coax	Crimp	8.50	8.16	7.82	7.48	7.14

✓RoHS Telecommunications Grade BNC Connectors for 734 and 735 Cable, 75 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC-UPL220-025	BNC Male	734 Coax	Crimp	10.50	10.08	9.66	9.24	8.82
BAC-UPL220-026	BNC Male	735 Coax	Crimp	10.50	10.08	9.66	9.24	8.82

✓RoHS Twin BNC Connector - Bayonet Style Coupling Polarized Contacts

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC928	Twin BNC	Twinaxial	Clamp	7.25	6.81	6.38	5.95	5.51

✓RoHS BNC, TNC and Type N - Belden 9913 Cable

Belden 9913 style cable is an RG8/U type cable with low loss performance characteristics. This cable utilizes a semi-solid polyethylene as an insulator along with a solid 10 AWG center conductor to achieve this performance enhancement.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
HPC992	BNC Plug	9913	Crimp	11.00	10.12	9.24	8.36	7.48
HPC993	TNC Plug	9913	Crimp	11.00	10.12	9.24	8.36	7.48
HPC994	Type N Plug	9913	Crimp	11.00	10.12	9.24	8.36	7.48

✓RoHS SMA, BNC and TNC - Belden 7807 Cable

Belden 7807 cable is an RG58 type cable with low loss performance characteristics. This cable utilizes a gas injected foam HDPE as an insulator along with a solid 17 AWG center conductor to achieve this performance enhancement.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
HPC781	SMA Plug	7807	Crimp	10.50	9.66	8.82	7.98	7.14
HPC782	BNC Plug	7807	Crimp	9.00	8.28	7.56	6.84	6.12
HPC783	TNC Plug	7807	Crimp	9.00	8.28	7.56	6.84	6.12

✓RoHS Panel Mount Receptacle Connectors

These series of connectors are intended for panel mounting with discrete receptacle terminations. Offered in BNC, RCA, SMA and Type N interfaces with various mounting configurations.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC1501	BNC Male Bulkhead	N/A		2.95	2.71	2.48	2.24	2.01
BAC1503	BNC Female Bulkhead	N/A		2.95	2.71	2.48	2.24	2.01
BAC70A	BNC Female Bulkhead	N/A		2.95	2.71	2.48	2.24	2.01
BAC260	BNC Female, 4 Hole Flange	N/A		2.95	2.71	2.48	2.24	2.01
BAC930	Twin BNC Female Bulkhead	N/A		5.95	5.47	5.00	4.52	4.05
BAC440	RCA Female Insulated Bulkhead	N/A		3.95	3.63	3.32	3.00	2.69
BAN113	Type N Female, 4 Hole Flange	N/A		4.95	4.55	4.16	3.76	3.37
ANF-4000	Type N Female, 4 Hole Flange	N/A		3.69	3.54	3.39	3.14	2.77
BAC16	SMA Female Bulkhead	N/A		4.95	4.55	4.16	3.76	3.37
ARSJ-4000	Reverse Polarity SMA Jack	1" (2.5cm) Flange for PCB		3.49	3.35	3.21	2.97	2.62

✓RoHS Type F Coaxial Connectors, 75 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC-CFS6U	Type F Male, Indoor	RG6	Crimp	0.99	0.93	0.87	0.81	0.75
BAC529	Type F Male, Indoor/Outdoor	RG6	Crimp	1.25	1.17	1.10	1.03	0.95
BAC-EX6	Type F Male	RG6	Compression	1.50	1.41	1.32	1.23	1.14
BAC-CFS59U	Type F Male, Indoor	RG59	Crimp	0.99	0.93	0.87	0.81	0.75
BAC530	Type F Male, Indoor/Outdoor	RG59	Crimp	1.25	1.17	1.10	1.03	0.95
BAC-EX59	Type F Male	RG59	Compression	1.50	1.41	1.32	1.23	1.14
AFM-1700	Type F Male	Low-Loss 195-Series, RG58	Crimp	3.15	3.02	2.90	2.68	2.36
BAC520	Type F Female	RG59	Crimp	2.79	2.62	2.46	2.29	2.12
BAC535	Type F Female Bulkhead	RG179, RG187	Crimp	2.50	2.35	2.20	2.05	1.90

✓RoHS RCA Coaxial Connector - Push-On Coupling for 75 Ohm Coaxial Cable

The RCA connector is the most commonly used connector type found on consumer electronics for both composite and component video as well as audio in some cases.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC700-6	RCA Male	Push-On RG6	Crimp	0.99	0.93	0.87	0.81	0.75
BAC700-59	RCA Male	Push-On RG59	Crimp	0.99	0.93	0.87	0.81	0.75

✓RoHS MCX Coaxial Connectors, 50 Ohm

This subminiature coaxial connector is widely used in GPS and wireless infrastructure applications. Offered in both straight and right angle configurations with crimp style attachment.

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
BAC507	MCX Plug	RG174 / 188 / 316	Crimp	4.75	4.46	4.18	3.90	3.61
BAC508	MCX Plug, Right Angle	RG174 / 188 / 316	Crimp	5.00	4.70	4.40	4.10	3.80
AMM-1102	MCX Plug	Low-Loss 100-Series	Crimp	3.15	3.02	2.90	2.68	2.36
BAC526	MCX Jack	RG174/188/316	Crimp	5.75	5.40	5.06	4.72	4.37

✓RoHS UHF Connectors, 50 Ohm

Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
AUM-1700	UHF Male	Low-Loss 195-Series, RG58	Crimp	2.99	2.87	2.75	2.54	2.24
AUM-1402	UHF Male	Low-Loss 400-Series	Crimp	2.99	2.87	2.75	2.54	2.24

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Item #	Description	Cable Type	Attachment	1-9	10-24	25-99	100-249	250-499
✓RoHS MMCX Coaxial Connectors, 50 Ohm								
This microminiaturized connector is widely used in PCB surface mount coaxial interconnect systems in applications such as wireless LAN equipment and GPS.								
BAC509	MMCX Plug	RG174 / 188 / 316	Crimp	5.25	4.93	4.62	4.31	3.99
BAC510	MMCX Plug, Right Angle	RG174 / 188 / 316	Crimp	5.50	5.17	4.84	4.51	4.18
AMMM-1104	MMCX Plug, Right Angle	Low-Loss 100-Series	Crimp	3.15	3.02	2.90	2.68	2.36
AMMM-1106	MMCX Plug, Straight	Low-Loss 100-Series	Crimp	3.15	3.02	2.90	2.68	2.36
ARMMP-1100	MMCX Plug, Rt. Angle, Rev. Pol	Low-Loss 100-Series	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS MC Card Connector, 50 Ohm								
AMCM-1102	MC Card Male	Low-Loss 100-Series	Crimp	3.15	3.02	2.90	2.68	2.36
✓RoHS NMO Connector, 50 Ohm								
AAM1-1700	NMO 3/4" (1.9cm) Hole	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS QMA Connector, 50 Ohm								
AQJ-3700	QMA Jack Bulkhead	Low-Loss 195-Series, RG58	Crimp	7.70	7.39	7.08	6.54	5.78
AQP-1700	QMA Plug Right Angle	Low-Loss 195-Series, RG58	Crimp	6.29	6.04	5.79	5.35	4.72
AQP-1702	QMA Plug	Low-Loss 195-Series, RG58	Crimp	6.00	5.40	4.80	4.20	3.60
✓RoHS SMB Connectors, 50 Ohm								
ASMBP-1100	SMB Plug	Low-Loss 100-Series	Crimp	3.95	3.79	3.63	3.36	2.96
ASMBP-1102	SMB Plug, Right Angle	Low-Loss 100-Series	Crimp	4.75	4.56	4.37	4.04	3.56
ASMBJ-1100	SMB Jack	Low-Loss 100-Series	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS FME Connectors, 50 Ohm								
BAC8015	FME Plug	Low-Loss 195-Series, RG58	Crimp	2.95	2.71	2.48	2.24	2.01
AFMEJ-1700	FME Jack	Low-Loss 195-Series, RG58	Crimp	2.95	2.71	2.48	2.24	2.01
✓RoHS ORiNOCO Compatible Connectors, 50 Ohm*								
AAPM-1100	AIProx Male Right Angle	Low-Loss 100-Series	Crimp	3.99	3.83	3.67	3.39	2.99
AAPM-1700	AIProx Male Right Angle	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS Sony Ericcson Compatible Connector, 50 Ohm*								
ASEP-1100	S/E Plug, Ericcson Type 23, 7	Low-Loss 100-Series	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS Waverider Compatible Connector, 50 Ohm*								
AWM-1700	Waverider Compatible Male	Low-Loss 195-Series, RG58	Crimp	4.19	4.02	3.85	3.56	3.14
✓RoHS Shrouded SMA Connector, 50 Ohm								
ASM-1714	Shrouded SMA Male Rt Angle	Low-Loss 195-Series, RG58	Crimp	3.49	3.35	3.21	2.97	2.62
✓RoHS Sierra Wireless Aircard Compatible Connector, 50 Ohm*								
ASNP-1100	SMA Nano-Plug	Low-Loss 100-Series	Crimp	4.19	4.02	3.85	3.56	3.14

***Note:** See website for additional compatibility information.

BAC509

BAC510

AMMM-1104

ARMMP-1100

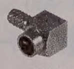
AMCM-1102

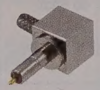
AAM1-1700

AQP-1700

ASMBP-1102

AFMEJ-1700


AAPM-1100


ASEP-1100

AWM-1700

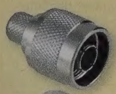
ASM-1714

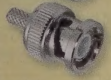
ASNP-1100

Tip *The anatomy of a coaxial connector*

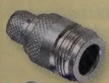
The two main components of a connector that determine the mating type (sex) are the **BODY** and the **PIN**.

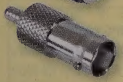
Here are two examples of PLUG bodies (aka Male).


This is a **PLUG** body of a typical threaded type connector. Note that the threads are on the inside of the body.


This is a **PLUG** body of a typical bayonet type connector such as a BNC. Note the coupling mechanism on the body.

And these are two examples of JACK bodies (aka Female).


This is a **JACK** body of a typical threaded type connector. Note that the threads are on the outside of the body.

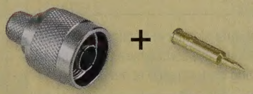

This is a **JACK** body of a typical bayonet type connector such as a BNC. Note the bayonets on the body.

This is a **MALE** pin.

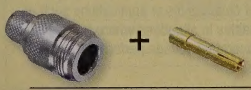
This is a **FEMALE** pin.

So what makes up the different types of connectors?

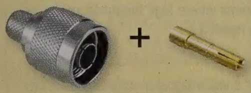
Here is a Standard Polarity Plug connector:


It is made up of a **PLUG BODY** and a **MALE PIN**. Standard polarity plug connectors can also be known as Male Connectors.

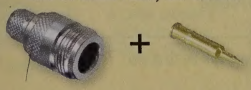
Here is a Standard Polarity Jack connector:


It is made up of a **JACK BODY** and a **FEMALE PIN**. Standard polarity jack connectors can also be known as Female Connectors.

Here is a Reverse Polarity Plug connector:


It is made up of a **PLUG BODY** and a **FEMALE PIN**. The polarity of the pin is reversed, thus making it a Reverse Polarity Plug Connector.

Here is a Reverse Polarity Jack connector:


It is made up of a **JACK BODY** and a **MALE PIN**. Again the polarity of the pin is reversed, thus making it a Reverse Polarity Jack Connector.

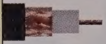
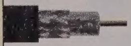
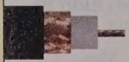
More coaxial connectors are available
See a complete list at
L-com.com/CoaxialConnectors

Some Connectors are sold in 10-Packs.
See website for details.
Adapters are sold individually.

L-com® Global Connectivity

Tip How do you select the right coaxial cable for your application?

There are a number of commonly used coaxial cable sizes in use today. Most are "RG" style cables originally designed for military applications but now extensively used in commercial situations. The following coaxial cable selection guide is intended as a general guide to assist you in selecting the right cable for your particular application.

Cable Type	Impedance	Typical Application	Best feature	Trade Off
RG174/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS	Small diameter, flexible	Higher signal loss than larger diameter cable such as RG58
RG188A/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where high temperature performance is needed	Small diameter, flexible. High temperature rating of taped TFE outer jacket	Higher signal loss than larger diameter cable such as RG58 and higher cost than standard RG174
RG316/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where high temperature performance is needed	Small diameter, flexible. High temperature rating of extruded FEP outer jacket	Higher signal loss than larger diameter cable such as RG58 and higher cost than standard RG174
RG58C/U	50 Ohm	Transmission of data signals in applications such as antenna feed cables or Ethernet backbones	Lower signal loss than smaller diameter cable such as RG174	Less flexible than smaller diameter cable such as RG174
RG142B/U	50 Ohm	Transmission of data signals in applications such as antenna feed cables or Ethernet backbones in situations where high temperature performance is needed	Lower signal loss than smaller diameter cable such as RG174. High temperature rating of extruded FEP jacket	Less flexible than smaller diameter cable such as RG174 and higher cost than RG58C cable.
RG59A/U 	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV	Lower signal loss than smaller diameter cable such as RG179. Flexibility of stranded center conductor cable	Higher signal loss than solid center conductor RG59B/U cable
RG59B/U	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV	Lower signal loss than smaller diameter cable such as RG179 and RG59A/U stranded center conductor cable	Less flexible than smaller diameter cable such as RG179 or stranded center conductor RG59A/U
RG6/U 	75 Ohm	Transmission of a video or audio signal in applications such as security systems or CATV	Lower signal loss than smaller diameter cable such as RG179 and both RG59A/U or RG59B/U cable	Less flexible than smaller diameter cable such as RG179 and both RG59A/U or RG59B/U
RG223/U	50 Ohm	Transmission of data signals in applications such as LAN/WAN or GPS in situations where low signal loss and high shielding performance is needed	Lower signal loss and better shielding than smaller diameter cable such as RG174 or RG58C/U cables	Less flexible than smaller diameter cable such as RG174 and higher cost than single shielded RG58C cable
RG213/U 	50 Ohm	Transmission of data signals in applications such as antenna feed cables in situations where low signal loss and high operating voltage performance is needed	Lower signal loss and higher operating voltage than RG58C/U cable	Larger diameter and less flexible than RG58C/U cable
RG179B/U	75 Ohm	Transmission of a video signal in applications such as security systems where high temperature performance is needed	Small diameter, flexible. High temperature rating of extruded FEP outer jacket	Higher signal loss and cost than larger diameter cable such as RG59
RG187/U	75 Ohm	Transmission of a video signal in applications such as security systems where high temperature performance is needed	Small diameter, flexible. High temperature rating of TFE taped outer jacket	Higher signal loss and cost than larger diameter cable such as RG59

Note: Images on this page are for reference only and may not be to scale

L-com Global Connectivity

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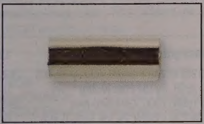
and videos at L-com.com/Tips

Anatomy of a Coaxial Connector

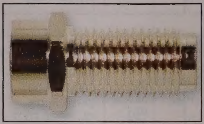
There are a wide variety of coaxial connectors available today. These connectors are offered in numerous interface types and attachment methods. Illustrated below are some common elements and functions shared by most of these coaxial connectors.

Crimp Ring



Attachment sleeve to cable outer conductor.

Coupling Body

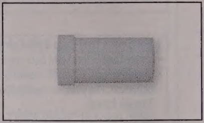


Attachment mechanism to mating connector.

Outer Conductor

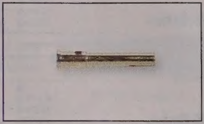
Outer conducting element for signal transmission.

Dielectric Support



Non-conductive spacer between center and outer conductor.

Center Conductor



Center conducting element for signal transmission.

Building Your Own Coaxial Cable Assembly

In order to successfully build your own coaxial cable assembly, you must make the following decisions:

1. Select a cable type

Many parameters come into play in making this decision from electrical performance properties such as impedance, shielding and attenuation to mechanical properties such as diameter, center conductor construction (solid vs stranded) and jacket material. A selection of the most commonly used cable is listed on pages 190 and 191.

2. Select a connector type

Numerous connector interfaces exist such as BNC, TNC, SMA, F or RCA to name just a few. Each has a different application and come in both male and female versions. A selection of the most popular types is listed on pages 183-187.

3. Select an attachment method

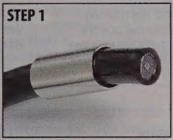
In general, there are three basic methods to attach a coaxial connector to a coaxial cable. They are crimp, clamp and twist-on. Each of these methods is illustrated below.

4. Select a tool

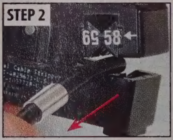
If a crimp attachment method was selected then a crimp tool will be needed. The crimp cross reference chart on page 192 will assist you in selecting the correct tool.

Crimp Method:

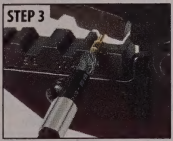
This is the most common connector attachment method. In this case the cable shield is crimped to the connector using the crimp ring. The connector center conductor is attached to the cable center conductor by crimp or solder.



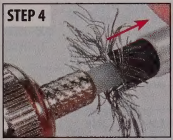
Cut cable to length and slide crimp ring onto free end.



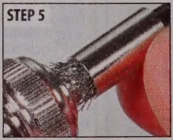
Strip free end with Coaxial Cable Stripper.



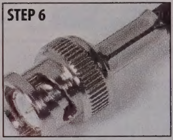
Slide pin onto center conductor making sure base of pin meets dielectric. Crimp in place.



Fan braid and slide plug over pin.



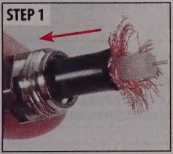
Pull crimp sleeve over braid and ring.



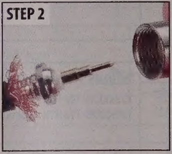
Crimp in place.

Clamp Method:

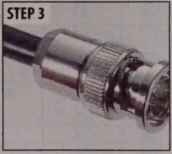
The clamp method is often used for weather exposure applications or when crimp tools are not available. In this case the cable shield is clamped between the connector body and back nut. The connector center conductor is usually soldered to the cable center conductor.



Cut cable and slide nut into position. Strip and flair braid.



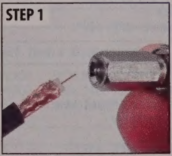
Position braid clamp and crimp or solder pin.



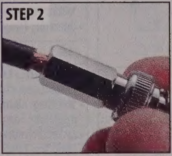
Attach main body to back nut.

Twist-On Method:

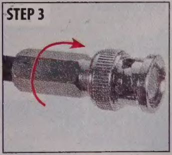
This method is most often used in field applications because of it's simplicity and the need for no special tools.



Prepare cable with strip tool.



Position connector body.

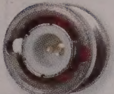


Twist connector body onto cable.

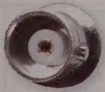
Crimp Tool:

When using a crimp connector, the HT330K tool kit can be a valuable item (page 192). This kit contains dies for all the commonly used crimp sizes. In addition, this kit comes complete with a cable cutter and a rotary cable stripper - helpful tools for building a cable assembly.

Plug or Jack:



A PLUG utilizes a center pin = MALE GENDER

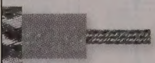


A JACK utilizes a center socket = FEMALE GENDER

Online Video
L-com.com/Videos/A19

Solid or Stranded:

SOLID center conductor: best attenuation but somewhat stiff.



STRANDED center conductor: more flexible but slightly higher attenuation.

To see our entire product offering
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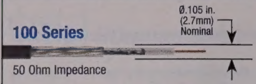
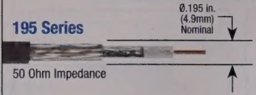
100 Series



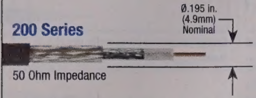
50 Ohm Impedance

195 Series



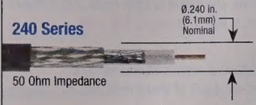
50 Ohm Impedance

200 Series



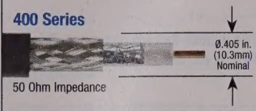
50 Ohm Impedance

240 Series



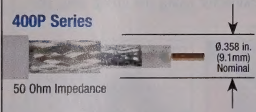
50 Ohm Impedance

400 Series



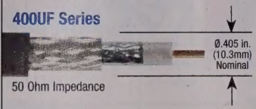
50 Ohm Impedance

400P Series



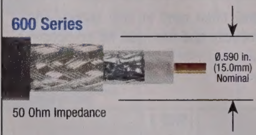
50 Ohm Impedance

400UF Series



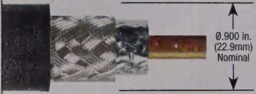
50 Ohm Impedance

600 Series



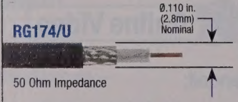
50 Ohm Impedance

900DB Series



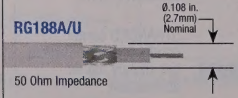
50 Ohm Impedance

RG174/U



50 Ohm Impedance

RG188A/U



50 Ohm Impedance

Low Loss Bulk Coaxial Cable

100 Series Low-Loss Bulk Cable
- Center Conductor: Solid bare copper covered steel
- Shielding: Inner foil 90% coverage + tinned copper braid
- Insulation: Solid polyethylene
- Jacket: PVC
- Operating Temperature: -20°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	22.8	74.8
1800	33.2	108.8
2500	39.8	130.6

RoHS Item #	Description	List
CA-100-FOOT	CA-100, By the Foot (0.3m)	0.39
CA-100-R1K	CA-100, 1000' (304.8m) reel	245.00
CA100W-FOOT	White WBC-100, By the Foot (0.3m)	0.59
CA100W-REEL	White WBC-100, 1000' (304.8m) reel	279.99

195R Series Low-Loss Bulk Cable
- Center Conductor: Solid bare copper
- Shielding: Foil + tinned copper braid (90% coverage)
- Insulation: Physical foam polyethylene (PTFE for Plenum Rated)
- Jacket: Polyvinyl Chloride (CMP Grade for Plenum Rated)
- Operating Temperature: -20°C - +60°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	11.1	36.5
1800	16.0	52.5
2500	19.0	62.4
5800	29.9	98.1

RoHS Item #	Description	List
CA-195PW-R500	CA195PW Wht Plenum, 500' (152.4m)	249.99
CA-195R-FOOT	CA-195R, By the Foot (0.3m)	0.50
CA-195R-R1K	CA-195R, 1000' (304.8m) reel	299.99
CA-195RW-FOOT	White CA-195RW, By the Foot (0.3m)	0.50
CA-195RW-R1K	White CA-195RW, 1000' (304.8m) reel	299.99
CA195R-REEL	WBC-195R, 1000' reel (304.8m)	349.99

200 Series Low-Loss Bulk Cable
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid (90% coverage)
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	9.9	32.6
1800	14.2	46.6
2500	16.9	55.4
5800	26.4	86.5

RoHS Item #	Description	List
CA-200-R1K	CA-200, 1000' reel (304.8m)	269.99
CA-200-FOOT	CA-200, By the Foot (0.3m)	0.49

240 Series Low-Loss Bulk Cable
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	7.6	24.8
1800	10.9	35.6
2500	12.9	45.4
5800	20.4	66.8

RoHS Item #	Description	List
CA-240-R500	CA-240, 500' reel (152.4m)	229.99
CA-240-FOOT	CA-240, By the Foot (0.3m)	0.56

400 and 400P Series Low-Loss Bulk Cable
- Center Conductor: Copper clad aluminum
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene (Black)
  Kynar for Plenum Rated (White)
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	3.9	12.8
1800	5.7	18.6
2500	6.8	22.2
5800	10.8	35.5

RoHS Item #	Description	List
CA-400-FOOT	CA-400, By the Foot (0.3m)	0.70
CA-400-R500	CA-400, 500' reel (152.4m)	249.99
CA-400-R1K	CA-400, 1000' reel (304.8m)	499.99
CA400-REEL	WBC-400, 1000' reel (304.8m)	599.95
CA400P-FOOT	WBC-400, Plenum, By the Foot (0.3m)	3.49
CA400P-REEL	WBC-400, Plen., 1000' reel (304.8m)	1999.99

400 Series Ultra Flex Low-Loss Cable
- Center Conductor: Copper clad aluminum
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Black Thermoplastic Elastomer
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	4.7	15.4
1800	6.8	22.3
2500	8.1	26.6
5800	13.0	42.6

RoHS Item #	Description	List
CA400UF-TW-FOOT	TWS-400UF, By the Foot (0.3m)	1.45
CA400UF-TW-R1K	TWS-400UF, 1000' reel (304.8m)	1325.00

600 Series Low-Loss Bulk Cable
- Center Conductor: Solid copper
- Shielding: Foil + tinned copper braid
- Insulation: Physical foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	2.5	8.2
1800	3.7	12.1
2500	4.4	14.5
5800	7.3	23.8

RoHS Item #	Description	List
CA-600-R500	CA-600, 500' reel (152.4m)	556.00
CA-600-R1K	CA-600, 1000' reel (304.8m)	1025.00

900DB Series Low-Loss Bulk Cable
- Center Conductor: BC Tube
- Shielding: Aluminum tape + tinned copper braid
- Insulation: Foam polyethylene
- Jacket: Polyethylene
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
900	1.7	5.6
1800	2.5	8.2
2500	2.9	9.8
5800	4.9	16.0

RoHS Item #	Description	List
CA900DB-TW-FOOT	LMR-900DB, By the Foot (0.3m)	4.30
CA900DB-TW-R1K	Direct Burial, 1000' reel (304.8m)	3150.00

Bulk Coaxial Cable

RG174/U
- Center Conductor: 26 (7x34) AWG bare copper covered steel
- Shielding: Tinned copper braid (90% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	8.4	27.6
200	12.5	41.0
400	19.0	62.3
1000	34.0	111.5

RoHS Item #	Description	List
RG174-100	RG174/U, 100 ft coil (30.5m)	30.00
RG174-500	RG174/U, 500 ft spool (152.4m)	140.00
RG174-1K	RG174/U, 1,000 ft spool (304.8m)	252.00

RG188A/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (96% shield coverage)
- Insulation: TFE Teflon
- Jacket: White TFE taped
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

Item #	Description	List
RG188A-100	RG188A/U, 100 ft coil (30.5m)	89.50
RG188A-500	RG188A/U, 500 ft spool (152.4m)	564.50
RG188A-1K	RG188A/U, 1,000 ft spool (304.8m)	861.50

Note: Spools may contain more than one piece.

> "I placed an order today for a custom cable via phone order. The sales representative was so very helpful and professional. Please recognize the professionalism of Melissa. She was clear with instructions, professional, calm, very knowledgeable. Super service and superior attitude is so refreshing". - Naomi Stratford, Lockheed Martin

Bulk Coaxial Cable

RG316/U
- Center Conductor: 26 (7x34) AWG silver coated copper covered steel
- Shielding: Silver coated copper braid (95% shield coverage)
- Insulation: TFE Teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	8.3	27.2
200	12.0	39.4
400	17.5	57.4
1000	29.0	95.1

☑ RoHS Item #	Description	List
RG316-100	RG316/U, 100ft (30.5m) coil	75.00
RG316-500	RG316/U, 500ft (152.4m) spool	345.00
RG316-1K	RG316/U, 1,000ft (304.8m) spool	600.00

Note: Spools may contain more than one piece.

RG58C/U
- Center Conductor: 20 (19x32) AWG tinned copper
- Shielding: Tinned copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +85°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	4.9	16.1
200	7.3	23.9
400	11.0	36.1
1000	20.0	65.6

☑ RoHS Item #	Description	List
RG58C-100	RG58C/U, 100ft (30.5m) coil	35.00
RG58C-500	RG58C/U, 500ft (152.4m) spool	125.00
RG58C-1K	RG58C/U, 1,000ft (304.8m) spl.	225.50

RG142B/U
- Center Conductor: 18 AWG solid silver coated copper
- Shielding: 2 silver coated copper braids (96% coverage)
- Insulation: TFE Teflon
- Jacket: Brown FEP
- Operating Temperature: -70°C - +200°C VW-1 vertical flame test compliant

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	3.9	12.8
200	5.6	18.4
400	8.2	26.9
1000	13.5	44.3

☑ RoHS Item #	Description	List
RG142B-100	RG142B/U, 100ft (30.5m) coil	165.00
RG142B-500	RG142B/U, 500ft (152.4m) spool	800.00
RG142B-1K	RG142B/U, 1,000ft (304.8m) spl.	1575.00

Note: Spools may contain more than one piece.

RG59A/U
- Center Conductor: 22 (7x30) AWG bare copper
- Shielding: Bare copper braid (95% coverage)
- Insulation: Foam polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	3.0	9.8
200	4.5	14.8
400	6.6	21.7
1000	10.9	35.8

☑ RoHS Item #	Description	List
RG59A-100	RG59A/U, 100ft (30.5m) coil	24.95
RG59A-500	RG59A/U, 500ft (152.4m) spool	99.95
RG59A-1K	RG59A/U, 1,000ft (304.8m) spl.	199.95

RG59B/U
- Center Conductor: 22 AWG solid bare copper covered steel
- Shielding: Bare copper braid (95% coverage)
- Insulation: Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	3.4	11.1
200	4.9	16.1
400	7.0	23.0
1000	12.0	39.3

☑ RoHS Item #	Description	List
RG59B-100	RG59B/U, 100ft (30.5m) coil	24.95
RG59B-500	RG59B/U, 500ft (152.4m) spool	99.95
RG59B-1K	RG59B/U, 1,000ft (304.8m) spl.	199.95

RG6/U
- Center Conductor: 18 AWG solid bare copper covered steel
- Shielding: Inner foil (100% coverage); Outer, copper braid (60% coverage)
- Insulation: Foam Polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	2.1	6.9
200	3.1	10.2
400	4.5	14.8
1000	7.3	23.9

☑ RoHS Item #	Description	List
RG6-100	RG6/U, 100ft (30.5m) coil	14.95
RG6-500	RG6/U, 500ft (152.4m) spool	74.95
RG6-1K	RG6/U, 1,000ft (304.8m) spool	169.99

RG62A/U
- Center Conductor: 22 AWG solid bare copper covered steel
- Shielding: Bare copper braid (95% coverage)
- Insulation: Semi-solid polyethylene
- Jacket: Black PVC
- Operating Temperature: -40°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
100	2.7	8.9
200	3.8	12.5
400	5.3	17.4
1000	8.7	28.5

☑ RoHS Item #	Description	List
RG62A-100	RG62A/U, 100ft (30.5m) coil	24.14
RG62A-500	RG62A/U, 500ft (152.4m) spool	111.60
RG62A-1K	RG62A/U, 1,000ft (304.8m) spl.	200.00

734 Type DS3-4
- Center Conductor: 20 AWG silver plated solid copper
- Shielding: Inner AL foil 100% + outer braid
- Insulation: Foamed polyethylene
- Jacketing: Polyvinyl chloride (PVC)
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
5	.55	1.8
10	.77	2.5
50	1.74	5.7
100	2.49	8.2

☑ RoHS Item #	Description	List
C734-100	C734, 100ft (30.5m) coil	53.00
C734-500	C734, 500ft (152.4m) spool	240.00
C734-1K	C734, 1,000ft (304.8m) spool	430.00

735 Type DS3-4
- Center Conductor: 26 AWG silver plated solid copper
- Shielding: Inner AL foil 100% + outer braid
- Insulation: Foamed polyethylene
- Jacketing: Polyvinyl chloride (PVC)
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
5	1.10	3.6
10	1.53	5.0
50	3.47	11.4
100	4.95	16.2

Item #	Description	List
C735-100	C735, 100ft (30.5m) coil	44.00
C735-500	C735, 500ft (152.4m) spool	195.00
C735-1K	C735, 1,000ft (304.8m) spool	360.00

1505 Type
- Center Conductor: 20 AWG solid bare copper
- Shielding: Inner foil + 95% tinned copper braid
- Insulation: Gas injected polyethylene
- Jacketing: Polyvinyl chloride (PVC)
- Operating Temperature: -40°C - +75°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
10	.87	2.9
360	4.4	14.5
720	6.5	21.3
1000	7.8	25.6

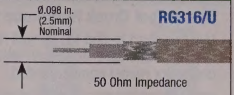
Item #	Description	List
C1505A-100	C1505A 100ft (30.5m) coil	51.00
C1505A-500	C1505A 500ft (152.4m) spool	230.00
C1505A-1K	C1505A 1,000ft (304.8m) spool	420.00

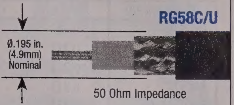
1506 Type
- Center Conductor: 20 AWG solid bare copper
- Shielding: Inner foil + 95% tinned copper braid
- Insulation: Foam FEP
- Jacketing: Flamarrest®
- Operating Temperature: -40°C - +75°C

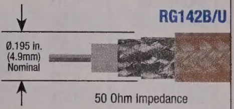
NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
10	1.0	3.3
360	5.2	17.1
720	7.3	23.9
1000	9.4	30.8

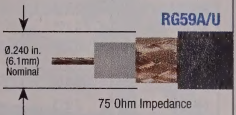
Item #	Description	List
C1506A-100	C1506A 100ft (30.5m) coil	153.00
C1506A-500	C1506A 500ft (152.4m) spool	690.00
C1506A-1K	C1506A 1,000ft (304.8m) spool	1250.00

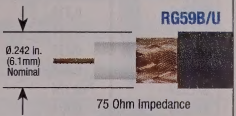
Lengths may vary ±10% from lengths shown.

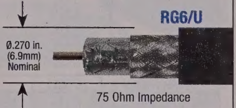


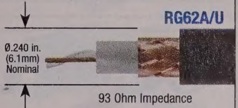


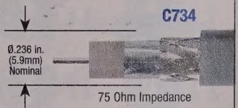


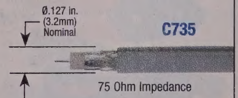


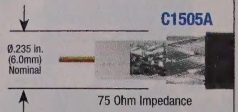


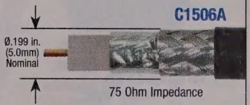












Custom design and manufacturing capabilities

Our product design process takes you from concept to production. L-com.com/Custom

Crimp Tool Cross Reference Chart

Use this chart to find the correct ferrule and center conductor crimp size as well as the recommended economy, deluxe and deluxe kit crimp tool for each of the connector model numbers listed.

If a specific type is not listed, please visit our website at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance.

	CRIMP SIZE		CRIMP TOOL		
CONNECTOR P/N	FERRULE	CENTER COND.	ECONOMY	DELUXE	DELUXE KIT
BAC518	0.213	0.068	HT106D	HT301A	HT330K
BAC519	0.213	0.068	HT106D	HT301A	HT330K
BAC522	0.213	0.068	HT106D	HT301A	HT330K
BAC524	0.213	0.068	HT106D	HT301A	HT330K
BAC836A-58	0.213	0.068	HT106D	HT301A	HT330K
BAC836A-58P	0.213	0.068	HT106D	HT301A	HT330K
BIF-83	0.231	0.068	HT106D	HT301A	HT330K
BAC523	0.178	0.068	N/A	HT301J	HT330K
BAC526	0.178	0.068	N/A	HT301J	HT330K
BAC527	0.178	0.068	N/A	HT301J	HT330K
BAC528	0.178	0.068	N/A	HT301J	HT330K
BAC836B-74	0.178	0.068	N/A	HT301J	HT330K
BAC893-58	0.213	0.068	HT106D	HT301A	HT330K
BAC893-59	0.255	0.068	HT106D	HT301A	HT330K
BAC908-59	0.255	0.068	HT106D	HT301A	HT330K
BAC934-59	0.255	0.068	HT106D	HT301A	HT330K
BAC706	0.255	0.068	HT106D	HT301A	HT330K
BAC709	0.255	N/A	HT106D	HT301A	HT330K
BAC012	0.324	N/A	HT106H	HT301D	HT330K
BAC013	0.319	N/A	HT106H	HT301C	HT330K
BAC027	0.255	0.068	HT106D	HT301A	HT330K
BAC027A	0.255	0.068	HT106D	HT301A	HT330K
BAC028	0.255	0.068	HT106D	HT301A	HT330K
BAC029	0.324	0.068	N/A	HT301D	HT330K
BAC030	0.324	0.255	N/A	HT301D	HT330K
BAC031	0.324	0.255	N/A	HT301D	HT330K
BAC032	0.319	N/A	HT106H	HT301C	HT330K
BAC520	0.255	0.068	HT106D	HT301A	HT330K
BAC836A-59	0.255	0.068	HT106D	HT301A	HT330K

	CRIMP SIZE		CRIMP TOOL		
CONNECTOR P/N	FERRULE	CENTER COND.	ECONOMY	DELUXE	DELUXE KIT
BAC836B-87	0.213	0.068	HT106D	HT301A	HT330K
BAC042	0.319	N/A	HT106H	HT301C	HT330K
BAC02	0.213	N/A	HT106D	HT301A	HT330K
BAC02A	0.128	N/A	N/A	HT301J	HT330K
BAC03	0.213	0.042	N/A	HT301G	HT330K
BAC03A	0.128	0.042	N/A	HT301J	HT330K
BAC04	0.213	0.042	N/A	HT301G	HT330K
BAC05	0.213	0.042	N/A	HT301G	HT330K
BAC05A	0.128	0.042	N/A	HT301J	HT330K
BAC02-G	0.213	N/A	HT106D	HT301A	HT330K
BAC02A-G	0.128	N/A	N/A	HT301J	HT330K
BAC03-G	0.213	0.042	N/A	HT301G	HT330K
BAC03A-G	0.128	0.042	N/A	HT301J	HT330K
BAC06A	0.128	0.042	N/A	HT301J	HT330K
BAC410	0.213	N/A	HT106D	HT301A	HT330K
BAC8015	0.213	N/A	HT106D	HT301A	HT330K
BAC525	0.213	N/A	HT106D	HT301A	HT330K
BAC500	0.213	N/A	HT106D	HT301A	HT330K
BAC501	0.213	N/A	HT106D	HT301A	HT330K
BAC502	0.128	0.042	N/A	HT301J	HT330K
BAC503	0.137	N/A	N/A	HT301G	HT330K
BAC-CFS6U	0.324	N/A	HT106H	HTS3162CT	N/A
BAC-CFS59U	0.324	N/A	HT106H	HTS3162CT	N/A
BAC529	0.360	N/A	HT106H	HTS3162CT	N/A
BAC530	0.360	N/A	HT106H	HTS3162CT	N/A
BAC-EX6	Compression	N/A	N/A	HTS-EX	N/A
BAC-EX59	Compression	N/A	N/A	HTS-EX	N/A
BAC700-6	.319	N/A	HT106H	HT301C	HT330K
BAC700-59	.262	N/A	HT106D	HT301A	HT330K

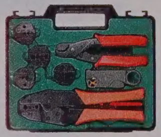
CONNECTOR P/N	FERRULE	CRIMP TOOL	CENTER COND.	CRIMP TOOL
BAC-UPL2000-D2B	0.255	HTS-CT4L & HTS-CD3-21	0.042	HT010-0055
BAC-UPL2000-D8B	0.255	HTS-CT4L & HTS-CD3-21	0.042	HT010-0055

CONNECTOR P/N	FERRULE	CRIMP TOOL	CENTER COND.	CRIMP TOOL
BAC-UPL220-025	0.255	HTS-CT4L & HTS-CD3-11	0.042	HT010-0055
BAC-UPL220-026	0.178	HTS-CT4L & HTS-CD3-11	0.042	HT010-0055

HT106D

HT301A

HT-CRIMP04


HT330K

HT-KIT-01

Item #	Description	1-9	10-24	25-99	100-249	250-499

☑RoHS Economy Crimping Tools - Common Crimp Sizes for Connectors and Center Pins

These heavy-duty crimping tools are economically priced and easy to use. Leverage action produces an enormous force to properly crimp a perfect hex every time. An adjustable cam is added to keep the tool in full conformance with the required tolerance. Tools accept the most popular crimp connector types. HT106D hex sizes are .068", .213" and .255". HT106H hex sizes are .322" and .359".

HT106D	9" Lever Type Coaxial Crimp Tool (.068", .213", .255")	29.95	27.55	25.16	22.76	20.37
HT106H	9" Lever Type Coaxial Crimp Tool (.322", .359")	29.95	27.55	25.16	22.76	20.37

Deluxe Full Cycle Ratchet with Hex Crimping Tools

Your choice of seven similar crimp tools equipped with specific die sets to perform a wide variety of crimping functions to fit your needs.

HT301A	Deluxe Crimp Tool with .256", .213" and .068" Hex Die	31.95	29.39	26.84	24.28	21.73
HT301C	Deluxe Crimp Tool with .319", .256", .213" and .068" Hex Die	39.95	36.75	33.56	30.36	27.17
HT301D	Deluxe Crimp Tool with .324", .256", .213" and .068" Hex Die	39.95	36.75	33.56	30.36	27.17
HT301G	Deluxe Crimp Tool with .255", .213", .137", .100", .069" .043" Hex Die	36.95	33.99	31.04	28.08	25.13
HT301J	Deluxe Crimp Tool with .178", .151", .128", .078", .068" .042" Hex Die	36.95	33.99	31.04	28.08	25.13
HT230A	Deluxe Crimp Tool with .255", .213", .187" and .068" Hex Die	34.95	32.15	29.36	26.56	23.77
HT-CRIMP02	Deluxe Crimp Tool with .028", .039", .047", .100", .128" and .151" Hex Die	24.99	22.49	19.99	17.49	14.99
HT-CRIMP03	Deluxe Crimp Tool with .100", .128" and .429" Hex Die	34.99	31.49	27.99	24.49	20.99
HT-CRIMP04	Deluxe Crimp Tool with .068", .213", .256" and .324" Hex Die	24.99	22.49	19.99	17.49	14.99
HT-CRIMP600	Deluxe Crimp Tool with .610" Hex Die	29.99	26.99	23.99	20.99	17.99

Deluxe Full Cycle Ratchet Crimp Tool Kit

Housed in rugged, high impact cases these handy deluxe ratchet crimp and strip tool kits can satisfy most coaxial crimping needs. These kits include ratchet tool, interchangeable dies, cable cutter and rotary cable stripper. See **L-com.com** for complete kit contents.

HT330K	Deluxe Crimp Tool Kit, for use with RG Type Cable	144.95	133.35	121.76	110.16	98.57
HT-KIT-01	Deluxe Crimp Tool Kit, for use with Low-Loss and RG Type Cable	89.99	86.39	82.79	76.49	67.49

L-com Global Connectivity

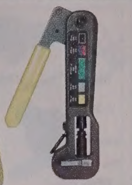
More coaxial connectors are available
See a complete list at L-com.com/CoaxialConnectors

Professional Grade Crimp and Compression Tools - for Professional Grade Type F Plugs

Two new ratchet action crimp tools are now offered. Sturdily constructed from high carbon steel ensures long life expectancy. Fully machined crimp cavities ensure accurate crimps every time.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HTS3162CT	Hex Crimp Tool .360" and .470" Sizes	66.50	62.51	58.52	54.53	CALL
HTS-EX	Compression Connector Crimp Tool	79.95	75.15	70.36	65.56	CALL

HTS3162CT


HTS-EX

Easy Strip RG59/6 Coaxial Cable Stripper

A must for anyone working with coaxial cabling. This tool provides a precise industry standard 1/4" (0.6cm) cable prep for RG59 and 6 in seconds. Simply compress the jaw, place the cable into the strip insert, release then spin the tool 360° and you're ready to crimp.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HTS8700ES	CATV Stripper Tool for RG59/6	17.50	16.45	15.40	14.35	CALL
HTS8700RB	10 Replacement Cartridges for RG59/6	54.95	51.65	48.36	45.06	CALL

HTS8700ES
HTS8700RB

Type F Installation Kit - Toner, Crimper, Stripper and 40 Plugs for RG59 or RG6 Coaxial Cabling

We've assembled a kit for installers and technicians who want to terminate popular Type F coaxial cabling. Each kit includes 40 professional grade Type F plugs, a cable stripping tool, a connector crimping tool and a pocket toner. There are two kits to choose from, one for RG59 and one for RG6.

Item #	Description	1-9	10-24	25-99	100-249	250-499
TCK59F	Type F Connector Installation Kit for RG59	99.95	93.95	87.96	81.96	75.96
TCK60F	Type F Connector Installation Kit for RG6	99.95	93.95	87.96	81.96	75.96

TCK59F
TCK60F

Rotary Coaxial Cable Strippers - Adjusted to Accurately Prepare Popular Coaxials

Time saving tools to quickly and accurately cut and trim the coaxial jacket, shield and inner insulation in one easy step. Compartment holds hex key to align sensitive socket and adjust blade cut for optimum results. Available in two or three blade configurations.

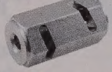
Item #	Description	1-9	10-24	25-99	100-249	250-499
AT-STRIP-01	Coax Cable Stripper, 2-Blade for 100/174/200/240/316 Series	14.95	14.35	13.75	12.71	11.21
AT-STRIP-02	Coax Cable Stripper, 2-Blade for 100 Series, RG8/11/213/214	14.95	14.35	13.75	12.71	11.21
HT302B	Coax Cable Stripper, 2-Blade for RG58/59/62	14.95	13.75	12.56	11.36	10.17
HT3021	Set of 4 Replacement Blades for HT302	4.95	4.55	4.16	3.76	3.37
HT312A	Coax Cable Stripper, 3-Blade for RG59/62/6	19.95	18.35	16.76	15.16	13.57
HT312B	Coax Cable Stripper, 3-Blade for RG58/59/62	19.95	18.35	16.76	15.16	13.57
HT312S	Coax Cable Stripper, 3-Blade for RG213/11/8	19.95	18.35	16.76	15.16	13.57
HT312X	Coax Cable Stripper, 3-Blade for 3.5 to 5mm dia.	19.95	18.35	16.76	15.16	13.57
HT3121	Set of 4 Replacement Blades for HT312	4.95	4.55	4.16	3.76	3.37

AT-STRIP-02
HT302B

Rotary Coaxial Cable Strippers for 400/600 Series

Quickly and accurately cut and trim the coaxial jacket, shield and inner insulation in two easy steps. Just insert the un-stripped end of the coax cable into the tool, spin clockwise 4 or 5 times, then insert into other end of tool, spin clockwise 4 or 5 times again and pull off the unwanted portion.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HT-STRIP400-1	Coax Cable Stripper for 400-Series Cable	54.99	52.79	50.59	46.74	41.24
HT-STRIP600-1	Coax Cable Stripper for 600-Series Cable	54.99	52.79	50.59	46.74	41.24
HT-STRIP-B1	Replacement Blades for HT-STRIP400-1/HT-STRIP600-1	7.20	6.91	6.62	6.12	5.40

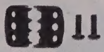

HT-STRIP400-1

USA Made Crimping Tool Accepts Dies for Coaxial or Modular Type Terminations

The HTS2100 crimp tool accepts a variety of dies that allow it to crimp modular or coaxial terminations. This top of the line tool is more compact than competitors' models allowing easier crimping ability for people with smaller hands. Molded grips and carbon steel frame is conservatively rated at 50,000+ crimps. This tool also accepts modular die sets listed on page 63.

Item #	Description	1-9	10-24	25-99	100-249	250-499
HTS2100	Crimp Tool Body, accepts any HTS2100 Die Set	59.95	58.75	57.55	56.35	55.15
HTS2100-51	RG58 / RG59 Die Set, use for BNCs and TNCs, .068, .213 and .255 hex	36.00	33.84	31.68	29.52	CALL
HTS2100-53	RG58 / RG59 Die Set, use for SMAs, .042 square, .213 and .255 hex	36.00	33.84	31.68	29.52	CALL
HTS2100-54	RG58 / RG59 Plenum Die Set, use for Plenum BNCs, .042 square, .068, .190 & .213 hex	36.00	33.84	31.68	29.52	CALL
HTS2100-60	RG174 Die Set, use for BNCs and SMAs, .068 and .178 hex	36.00	33.84	31.68	29.52	CALL

HTS2100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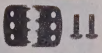
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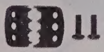
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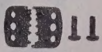

HTS2100-60

Weatherproofing Tape

Item #	Description	1-9	10-24	25-99	100-249	250-499
HT-TAPE01	3M® Self-Healing Weatherproofing Tape	20.99	19.94	18.89	17.84	CALL
HT-TAPE104	COAX-SEAL #104 Hand Moldable Plastic Weatherproofing Tape	3.29	3.16	3.03	2.80	2.47

Gale Pocket Toner® NX1

Test for continuity and short circuits on coaxial cables in one easy step. Basic professional coaxial testing does not get any more compact and simple as PTNX1. This is the new NX version of the classic black Pocket Toner® first invented by Gale Corporation years ago. This new NX version features lightweight aluminum construction, a standard AAA battery, and new dual buzzers that audibly indicate continuity at both ends of the test cable. Like all Pocket Toner® NX test tools, the NX1 is now 100% low voltage protected so connecting it to live low voltage systems will not damage the tool.

Item #	Description	List Price
PTNX1	Gale Pocket Toner® NX1	29.95

Gale Pocket Toner® NX2

The individual PTNX2 is for the technician that works primarily with coaxial cable that wants a powerful but super-compact tool to fit in his or her pocket. In addition to testing for continuity and short circuits PTNX2 is packed with advanced features like indication of AC or DC voltage, 50-75 Ohm terminators and auto shut-off to conserve battery life. PTNX2 instantly displays all test results on an easy to read 8-segment LED display as well as giving audible feedback at both ends of the test cable. Like all Pocket Toner® NX test tools, the NX2 is now 100% low voltage protected so connecting it to live low voltage systems will not damage the tool.

Item #	Description	List Price
PTNX2	Gale Pocket Toner® NX2	39.95

PTNX2
PTNX1

Professional Grade 8 Point Center Pin Crimp Tool

This professional grade tool makes pin crimping a breeze. Featuring a multipoint design which has proven to be one of the most reliable attachment methods. Designed for use with the BAC-UPL Series plugs.

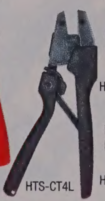
Item #	Description	List Price
HT010-0055	8 Point Center Pin Crimp Tool	182.40

HT010-0055

HTS-CT4L Professional Crimp Tool Accepts Dies for Coaxial Hex Dies

An ergonomic design makes this a tool of choice for professionals. A comfortable, high leverage handle minimizes fatigue. A precision ratchet mechanism assures full cycle crimping. Dies can be easily interchanged with a phillips or flat blade screwdriver.

Item #	Description	List Price
HTS-CT4L	Professional Crimp Tool Frame	135.00
HTS-CD3-11	734/735 Hex Crimp Die (.255", .178")	95.50
HTS-CD3-21	1505/1506 Hex Crimp Die (.255", .290")	135.00


HTS-CT4L

HTS-CD3-11

HTS-CD3-21

Helpful videos
How-to videos help with some of today's popular product applications. L-com.com/Tips

L-com® Global Connectivity

BTS5F

BTS5M

ARSP-TERM

BIF5M

BIF7F

BTB5MD

BTB7MD

BTB9FD

BM50G-1W

BF50G-1W

BTN5F

ANM-TERM1

BTF75M
Pkg/10

BA09

USP-PCB

USP-PCT

ANF-CAP01

Auto-Terminating
50 and 75 Ohm

BA307

BA45

☑RoHS SMA Coaxial Line Terminators - Match Impedances of the Unused Port or Cable End

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BTS5F	SMA Terminator, Female, 50 Ohms	Green	6.95	6.39	5.84	5.28	4.73
BTS5M	SMA Terminator, Male, 50 Ohms	Green	6.95	6.39	5.84	5.28	4.73
ARSP-TERM	SMA Reverse Polarity Terminator, Male, 0-6 GHz (50 Ohms)		5.25	5.04	4.83	4.46	3.94

☑RoHS BNC Line Terminators - Fully Insulated, Select Impedance to Match Coaxial Cables

Terminators are generally used at the far end of the line. Resistance should match characteristic impedance of the coaxial line, so no reflections or standing waves are present when the signal enters. All terminators listed are rated at 0.5 watt. Fully insulated male versions include Black hood cover as shown. Color coded body to match resistance.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BIF5M	BNC Terminator, Male, use with RG58 (50 Ohms)	Green	4.95	4.55	4.16	3.76	3.37
BIF7M	BNC Terminator, Male, use with RG59 (75 Ohms)	Violet	4.95	4.55	4.16	3.76	3.37
BIF9M	BNC Terminator, Male, use with RG62 (93 Ohms)	White	4.95	4.55	4.16	3.76	3.37
BIF5F	BNC Terminator, Female, use with RG58 (50 Ohms)	Green	3.95	3.63	3.32	3.00	2.69
BIF7F	BNC Terminator, Female, use with RG59 (75 Ohms)	Violet	3.95	3.63	3.32	3.00	2.69
BIF9F	BNC Terminator, Female, use with RG62 (93 Ohms)	White	3.95	3.63	3.32	3.00	2.69

☑RoHS Deluxe BNC and Type N Terminators - Machined Metal Construction with Full Shielding

These deluxe terminators offer a machined body versus a plastic one. Two models also available with grounding cable.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BTB5MD	BNC Terminator, Male, use with RG58 (50 Ohms)		4.95	4.55	4.16	3.76	3.37
BTB5FD	BNC Terminator, Female, use with RG58 (50 Ohms)		4.95	4.55	4.16	3.76	3.37
BTB7MD	BNC Terminator, Male, use with RG59 (75 Ohms)		4.95	4.55	4.16	3.76	3.37
BTB7FD	BNC Terminator, Female, use with RG59 (75 Ohms)		4.95	4.55	4.16	3.76	3.37
BTB9MD	BNC Terminator, Male, use with RG62 (93 Ohms)		4.95	4.55	4.16	3.76	3.37
BTB9FD	BNC Terminator, Female, use with RG62 (93 Ohms)		4.95	4.55	4.16	3.76	3.37
BM50G-1W	BNC Terminator, Male with Ground Cable (50 Ohms)		5.95	5.47	5.00	4.52	4.05
BF50G-1W	BNC Terminator, Female with Ground Cable (50 Ohms)		5.95	5.47	5.00	4.52	4.05
BTN5F	Type N Terminator, Female, use with RG213 and RG58 (50 Ohms)		6.95	6.39	5.84	5.28	4.73
ANM-TERM1	Type N Terminator, Male, 0-6 GHz (50 Ohms)		7.99	7.67	7.35	6.79	5.99

☑RoHS Type F 75 Ohm Terminators - Simple Design Minimizes RF Reflections

Also known as dummy loads, terminators are an essential component in the proper termination of unused outputs of line splitters and amplifiers. Sold in packages of 10.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BTF75M	Type F 75 Ohm Terminator, Pkg/10		4.95	4.55	4.16	3.76	3.37

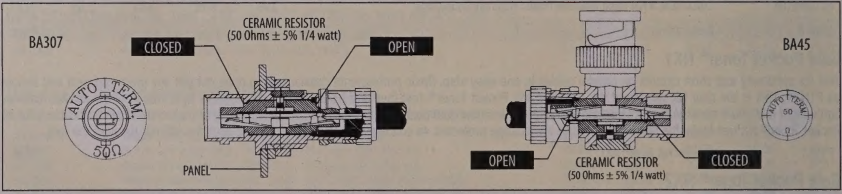
☑RoHS Deluxe Chained Protective Caps

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA09	Protective Cap for SMA Female, with Chain		4.95	4.55	4.16	3.76	3.37
USP-PCB	Protective Cap for BNC Female, with Chain		2.95	2.77	2.60	2.42	2.24
USP-PCT	Protective Cap for TNC Female, with Chain		2.95	2.77	2.60	2.42	2.24
ANM-CAP01	Protective Cap for Type N / UHF Female, with Chain		4.95	4.55	4.16	3.76	3.37
ANF-CAP01	Protective Cap for Type N / UHF Male, with Chain		4.95	4.55	4.16	3.76	3.37
ASF-CAP01	Protective Cap for SMA Male, with Chain		4.95	4.55	4.16	3.76	3.37

☑RoHS Auto-Terminating Bulkhead or T Adapter - Does Not Need Terminator on Open End

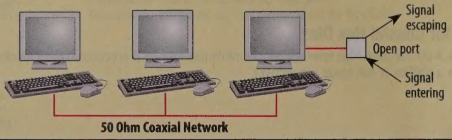
Any rack panel with half inch diameter D-holes will accept either the BA307 or BA307-75 BNC auto-terminating bulkhead adapters. They save the cost and nuisance of using separate terminators. Panels with 16 or 32 D-holes are listed on page 223. Also available are the BA45 and BA45-75 (F-M-F) T adapters, equipped with internal 50 or 75 Ohm auto-terminators.

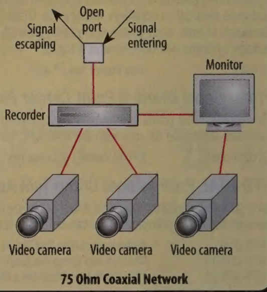
Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
BA307	BNC Auto-Terminating (F-F) Bulkhead Adapter, 50 Ohm		6.95	6.39	5.84	5.28	4.73
BA307-75	BNC Auto-Terminating (F-F) Bulkhead Adapter, 75 Ohm		6.95	6.39	5.84	5.28	4.73
BA45	BNC Auto-Terminating (F-M-F) T Adapter, 50 Ohm		8.55	7.87	7.18	6.50	5.81
BA45-75	BNC Auto-Terminating (F-M-F) T Adapter, 75 Ohm		8.55	7.87	7.18	6.50	5.81



Tip Why use an auto terminating adapter?

In today's complex audio, video, data world coaxial cables are used to interconnect various devices. Many times a coaxial cable will not be connected to anything causing an open port which allows signals to escape. This can possibly interfere with an adjacent device and allow signals to enter the network as interference. The use of an auto terminating adapter eliminates this problem by automatically terminating the open port any time a connecting device is disconnected. This eliminates the need to attach a separate terminator which is often lost or forgotten.





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L-com.com/NewProducts

Item #	Description	1-9	10-24	25-99	100-249	250-499

☑RoHS BNC Test Leads and Adapters - Your Most Useful Laboratory Accessory Items

Here's an opportunity to purchase quality test lead and adapter accessories for your lab. For use primarily with BNC connectors and dual banana plugs which are the most popular in the lab.

BC25	Test Cable, BNC Male / 6" (15.2cm) Leads with Tinned Ends	3.25	2.99	2.73	2.47	2.21
BC30	Test Cable, BNC Male / 6" (15.2cm) Leads with Banana Plugs	4.75	4.37	3.99	3.61	3.23
BC40	Test Cable, BNC Male / 6" (15.2cm) Leads with Test Clips	4.95	4.55	4.16	3.76	3.37
BC50	Test Cable, BNC Male / 6" (15.2cm) Leads with Alligator Clips	4.95	4.55	4.16	3.76	3.37
BC55	Test Cable, BNC Female / 6" (15.2cm) Leads with Tinned Ends	3.25	2.99	2.73	2.47	2.21
BC60	Test Cable, BNC Female / 6" (15.2cm) Leads with Banana Plugs	4.75	4.37	3.99	3.61	3.23
BC70	Test Cable, BNC Female / 6" (15.2cm) Leads with Test Clips	4.95	4.55	4.16	3.76	3.37
BC80	Test Cable, BNC Female / 6" (15.2cm) Leads with Alligator Clips	4.95	4.55	4.16	3.76	3.37
BC2720	Test Adapter, BNC Male / Dual Binding Posts	5.45	5.01	4.58	4.14	3.71
BC2730	Test Adapter, BNC Female / Dual Binding Posts	5.45	5.01	4.58	4.14	3.71
BC2710	Test Adapter, BNC Female / Dual Banana Plugs	4.95	4.55	4.16	3.76	3.37

☑RoHS Solder Cup Banana Plugs - Red or Black, Accepts up to 16 AWG Wires

BC030R	Solder Type Banana Plug, Red	1.35	1.24	1.13	1.03	0.92
BC030B	Solder Type Banana Plug, Black	1.35	1.24	1.13	1.03	0.92

☑RoHS Coaxial Test Cables - With BNC and Dual Banana Plugs, Choice of Lengths

These test cables use the most popular 50 Ohm RG58C coaxial cable. Choice of two series as shown.

BCC58C-1	Test Cable, BNC Male / Dual Banana, 1.0ft (0.3m)	14.50	13.92	13.34	12.76	12.18
BCC58C-2	Test Cable, BNC Male / Dual Banana, 2.0ft (0.6m)	15.25	14.64	14.03	13.42	12.81
BCC58C-3	Test Cable, BNC Male / Dual Banana, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
BCC58C-4	Test Cable, BNC Male / Dual Banana, 4.0ft (1.2m)	16.75	16.08	15.41	14.74	14.07
BCC58C-5	Test Cable, BNC Male / Dual Banana, 5.0ft (1.5m)	17.50	16.80	16.10	15.40	14.70
BCB58C-1	Test Cable, Dual Banana / Dual Banana, 1.0ft (0.3m)	14.50	13.92	13.34	12.76	12.18
BCB58C-2	Test Cable, Dual Banana / Dual Banana, 2.0ft (0.6m)	15.25	14.64	14.03	13.42	12.81
BCB58C-3	Test Cable, Dual Banana / Dual Banana, 3.0ft (0.9m)	16.00	15.36	14.72	14.08	13.44
BCB58C-4	Test Cable, Dual Banana / Dual Banana, 4.0ft (1.2m)	16.75	16.08	15.41	14.74	14.07
BCB58C-5	Test Cable, Dual Banana / Dual Banana, 5.0ft (1.5m)	17.50	16.80	16.10	15.40	14.70

☑RoHS Dual Banana Plug - Easy Connection to Coaxial Cable or Discrete Wires

This dual banana plug allows easy connection to coaxial cable with an outer diameter of .220 in. (0.6cm) or less. Screw terminals allow termination without soldering. Gold plated.

BP125209	Dual Banana Plug for Coax or Wires	2.95	2.71	2.48	2.24	2.01

BNC/Banana/Binding Post Adapter Kit - What You Need to Mate Any Test Cable

This kit contains 1 each BNC female and BNC male to dual binding posts, BNC female to dual banana plugs and a pair of BNC gender changers M-M and F-F. Provided in a 7 compartment plastic box (2 spares). Assortment price represents a cost savings over the purchase of individual units. Save even more when purchased in multiple lots.

BC2700K	5 Piece BNC / Dual Banana Adapter Kit	19.95	18.75	17.56	16.36	15.16

Tip *What are the differences between various laboratory test leads?*

The common feature of test leads used in a laboratory environment is ease of connection and disconnection since most attachments are temporary in nature and are often being changed. Below is a list of some of the most common test leads found in a lab.

Banana Plugs

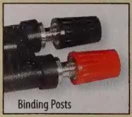
Banana Plugs
A high-quality plug and socket for speaker cable. The banana plug is pushed into the socket, the spring-like protrusions on the prong make a snug fit.

Alligator Clips

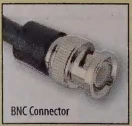
Alligator Clips
A spring-loaded clip with serrated jaws, often used to make temporary electrical connections.

Test Clips

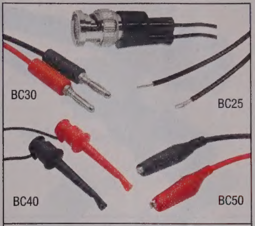
Test Clips
Used in many probing applications, test clips can be quickly attached to bare wires or other conducting features.

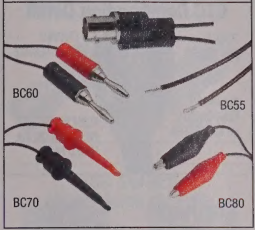

Binding Posts

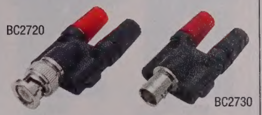
Binding Posts
Typically used in an audio application, it features a threaded collar for gripping bare wires.

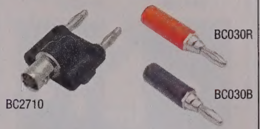

BNC Connector

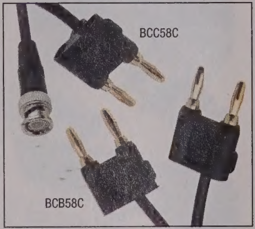
BNC Connector
A commonly used coaxial interface for audio, video and networking applications that provides a secure connection. Coupling is achieved utilizing mating post on the jack and a spring loaded coupling nut on the plug. A simple quarter turn of the coupling nut completes the mating process.

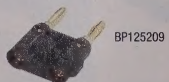


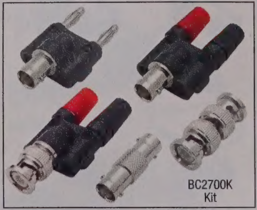












☑RoHS
RoHS status information
listed on every product saves you time.
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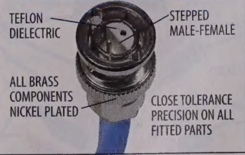
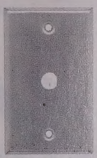
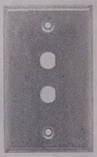
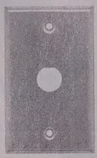
CTC Series

CTC Construction Detail


TEFLON DIELECTRIC
STEPPED MALE-FEMALE
ALL BRASS COMPONENTS NICKEL PLATED
CLOSE TOLERANCE PRECISION ON ALL FITTED PARTS


WPC1


WPC2


WPC10

WPD3

BAC1501

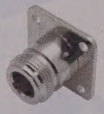
BAC1503

BAC930

Fits in a .375" hole

BAC440

BAC260


BAN113

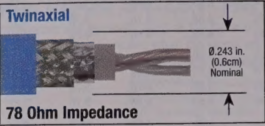
BAC70A

BAC16

☑RoHS Twinaxial BNC Cables - Feature Polarized/Stepped Keyway and Crimp Design

This Twin BNC cable series accommodates the need for low level signal patching and balanced line applications. Fittings have polarized, stepped keyways that look like, but do not match traditional BNC coaxial connectors. Twin BNC connectors are constructed of machined brass with a non-tarnish nickel finish and gold plated contacts.

Twinaxial



78 Ohm Impedance

Twinaxial
- Center Conductors: 20 (7x28) AWG tinned copper
- Shielding: Tinned copper braid + foil (100% coverage)
- Insulation: Polyethylene
- Jacket: Blue PVC
- Operating Temperature: -20°C - +80°C

NOMINAL ATTENUATION		
MHz	db/100ft	db/100m
50	5.0	16.4
100	7.5	24.6
200	11.0	36.1
400	16.0	52.5

Item #	Description	1-9	10-24	25-99	100-249	250-499
CTC-1	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 1.0ft (0.3m)	44.00	42.24	40.48	38.72	36.96
CTC-2	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 2.0ft (0.6m)	45.00	43.20	41.40	39.60	37.80
CTC-3	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 3.0ft (0.9m)	47.00	45.12	43.24	41.36	39.48
CTC-5	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 5.0ft (1.5m)	51.00	48.96	46.92	44.88	42.84
CTC-7.5	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 7.5ft (2.3m)	55.00	52.80	50.60	48.40	46.20
CTC-10	78 Ohm Twinaxial Cable, Twin BNC Male / Male, 10.0ft (3.0m)	59.00	56.64	54.28	51.92	49.56

☑RoHS Stainless Steel Wall Plates - Unbreakable and Offer An Enhanced Appearance

Wall plates that accept a variety of termination devices are found to be useful by many installers. Wall plates also provide a more organized accommodation to your day-to-day cabling needs. Furthermore, stainless steel gives a commercial appearance that is sometimes more acceptable in today's business office environment. The variety we offer fills most installation needs.

Item #	Description	1-9	10-24	25-99	100-249	250-499
WPC1	Stainless Wall Plate, One 0.5" (1.3cm) dia. D-hole	1.95	1.83	1.72	1.60	1.48
WPC2	Stainless Wall Plate, Two 0.5" (1.3cm) dia. D-holes	2.25	2.11	1.98	1.85	1.71
WPC10	Stainless Wall Plate, One 0.75" (1.9cm) dia. D-hole	1.95	1.83	1.72	1.60	1.48
WPD3	Stainless Wall Plate, One DB25 Opening and One 0.5" (1.3cm) dia. D-hole	2.60	2.44	2.29	2.13	1.98

☑RoHS Panel Mount Receptacle Connectors

These series of connectors are intended for panel mounting with discrete receptacle terminations. Offered in BNC, RCA and Type N interfaces with various mounting configurations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BAC1501	BNC Male Bulkhead	2.95	2.71	2.48	2.24	2.01
BAC1503	BNC Female Bulkhead	2.95	2.71	2.48	2.24	2.01
BAC930	BNC Female Bulkhead	5.95	5.47	5.00	4.52	4.05
BAC440	RCA Female Insulated Bulkhead	3.95	3.63	3.32	3.00	2.69
BAC260	BNC Female, 4 Hole Flange	2.95	2.71	2.48	2.24	2.01
BAN113	Type N Female, 4 Hole Flange	4.95	4.55	4.16	3.76	3.37
BAC70A	BNC Female Bulkhead	2.95	2.71	2.48	2.24	2.01
BAC16	SMA Female Bulkhead	4.95	4.55	4.16	3.76	3.37

Deluxe Coaxial Adapter Kit

This deluxe adapter kit features a universal coupling which allows interchangeable connections between all 30 individual interfaces resulting in 108 possible combinations. Supplied in a zippered storage case that is ideal for portable use.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BAK300	Deluxe Coaxial Adapter Kit	125.00	120.00	115.00	110.00	105.00

Premium Coaxial Adapter Kit

L-com's premium adapter kit features a universal coupling which allows interchangeable connections between all 40 individual interfaces resulting in 192 possible combinations. Supplied in a zippered storage case that is ideal for portable use.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BAK400	Premium Coaxial Adapter Kit	150.00	144.00	138.00	132.00	126.00

SMA Interseries Adapter Kit

This handy adapter kit offers a super value versus buying parts separately. Kit contains SMA interseries adapters all stored in a multi compartment storage case. Adapters are machined and plated for corrosion resistance and long life.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1200K	SMA Interseries Adapter Kit	49.95	46.95	43.96	40.96	37.96

BNC Within Series Adapter Kit

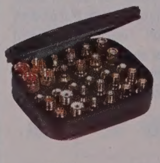
This useful adapter kit offers a super value to buying parts separately. Kit includes various BNC adapters as well as 3 port tees and right angle configurations all stored in a multi compartment storage case. Adapters are machined and plated for corrosion resistance and long life.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1700K	BNC Adapter Kit	39.95	37.55	35.16	32.76	30.36

BNC Interseries Adapter Kit

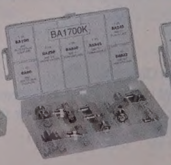
This handy adapter kit offers a super value versus buying parts separately. This kit includes various BNC interseries adapters all stored in a multi compartment storage case. Adapters are machined and plated for corrosion resistance and long life.

Item #	Description	1-9	10-24	25-99	100-249	250-499
BA1800K	BNC Interseries Adapter Kit	39.95	37.55	35.16	32.76	30.36


BAK300

BAK400

BA1200K


BA1700K

BA1800K

L-com® Global Connectivity

Certifications
A complete company documentation package is available for download. L-com.com/Profile

T1 Communication Systems - A Brief Primer

The T1 line is the most widely used switched digital communication circuit used in America today. T1s are used for connecting phone and computer networks to public switched network infrastructures. Each T1 is equivalent to 24 64Kbps communication channels. Each channel utilizes two 100 Ohm shielded twisted pairs; one for transmit (TX) and one for receive (RX). Some T1 equipment uses two 75 Ohm coaxial connections for the TX and RX channels. Baluns are used to bridge the gap between 75 Ohm coaxial and 100 Ohm twisted pair.

Note: An E1 circuit is the European equivalent of the American T1. The infrastructure uses 120 Ohm shielded twisted pairs so 75/120 baluns would be used in European applications.

T1 - E1 Differences

	NAME	#64Kbps CHANNELS	TWISTED PAIR TYPE	COAXIAL TYPE
USA Standard	T1	24	2 100 Ohms Shielded Twisted Pair (RJ45s Typical)	75 Ohms (BNC Typical)
European Standard	E1	32	2 120 Ohms Shielded Twisted Pair (RJ45s Typical)	75 Ohms (BNC, 1.6/5.6 Typical)

Item #	Description	List Price

RoHS 75 to 100 or 120 Ohm Transmission Baluns for Telecommunication Applications

75/100 and 75/120 Ohm impedance matching baluns allow users to use inexpensive shielded twisted pair cabling in place of expensive coaxial cabling. They are especially useful in telecommunication applications for patching at the distribution frame. Units meet CCITT Recommendation G703 and are great for American or European applications. Choose from multiple coaxial connector types as well as Krone IDC or compression IDC termination styles.

Item #	Description	List Price
ACK2010	75 to 120 Ohm Balun, 1.6/5.6 Plug (Screw Type) / Krone IDC	27.00
ACK3010	75 to 120 Ohm Balun, 1.6/5.6 Jack / Krone IDC	27.00
ACK8010	75 to 120 Ohm Balun, BNC Plug / Krone IDC	26.00
ACK9010	75 to 120 Ohm Balun, BNC Bulkhead Jack / Krone IDC	26.00
ACC2060	75 to 120 Ohm Balun, 1.6/5.6 Plug (Screw Type) / Compression IDC	33.00
ACC3060	75 to 120 Ohm Balun, 1.6/5.6 Jack / Compression IDC	33.00
ACC8060	75 to 120 Ohm Balun, BNC Plug / Compression IDC	33.00

Mini Transmission Balun Electrical Specifications

- Impedance Match: 75 to 100 or 120 Ohms ± 10 measured at 70 MHz.
- Insertion Loss: <0.9 dB, range measured 0.2 MHz to 70 MHz.
- Return Loss: <15 dB, range measured 1 MHz to 70 MHz.

75 to 120 Ohm E1 Dual Balun - Two BNC Jacks to RJ45

This unit allows bi-directional connectivity between coaxial and twisted pair E1 cabling. Dual 75 Ohm coaxial connections connect to shielded 120 Ohm RJ45 jack for easy connecting to terminated UTP/STP cabling.

Item #	Description	List Price
ACD201	Dual BNC Jack / RJ45 Balun, 75 to 120 Ohm	59.95

RoHS E1 Balun Panel - Twenty Dual Baluns in a 19" (48.3cm) Rack Panel

This ACD2201 series offers an innovative way of converting multiple E1 connections from 75 Ohm coax to 120 Ohm twisted pair. Each dual balun circuit is built into a balun card which is then mounted to the rack panel. Balun cards are available with dual BNC connectors and one shielded RJ45 connector. Extra cards can be purchased for easy replacement in the future.

Item #	Description	List Price
ACD2201	20 Port Balun Panel, Dual BNC Jack / RJ45, 75 to 120 Ohm	895.00
ACD2201-CARD	Balun Card, Dual BNC Jack / RJ45, 75 to 120 Ohm	59.95

Item #	Description	1-9	10-24	25-99	100-249	250-499

RoHS Active Video Baluns

These active video baluns are perfect for long distance CCTV applications. Features include built in surge protection, screw terminals for quick installation, and 1,000 meter run support. These active video baluns require a power source (not included).

Item #	Description	1-9	10-24	25-99	100-249	250-499
AVB-BNC-F	Active Video Balun, Female	49.95	48.95	47.95	46.95	45.95
AVB-BNC-M	Active Video Balun, Male	49.95	48.95	47.95	46.95	45.95

Tool-less CCTV Video Balun

The TL-VB-BNC is perfect for on the spot field installations or repairs. The tool-less design makes termination easy and fast. Supports full color video up to 2,200 feet over Cat5 cabling.

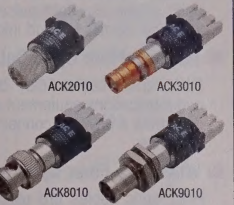
Item #	Description	1-9	10-24	25-99	100-249	250-499
TL-VB-BNC	Tool-less CCTV Video Balun, BNC Male	12.95	12.69	12.43	12.17	11.91

Tip ***What is a balun?***

The term balun (pronounced "bal-un") is derived from the function of the passive device that converts between a BALanced and UNbalanced electrical signal. Common types of baluns convert 100 Ohm twisted pair (balanced) to 75 Ohm coaxial (unbalanced).

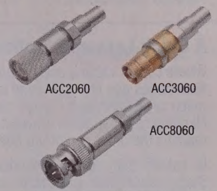
ACK SERIES
KRONE IDC TYPE

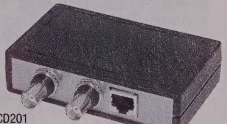
Terminate wires with punch down tool



ACC SERIES
COMPRESSION IDC TYPE

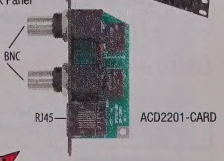
Terminate wires with wrench or pliers



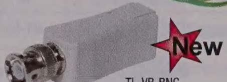


ACD201
E1 Dual BNC
Jack to RJ45

ACD2201
E1 Balun
Rack Panel



AVB-BNC-M



TL-VB-BNC

"I love your website! I can look at pictures of the connectors and know that I am getting the right ones. It is almost like I have the connectors right in front of me!"
- Bob Fulgham, 360 Communications, LLC

Fiber Optic Tutorial

What are Fiber Optic Cables?

Fiber optic cables consist of a glass core and cladding, buffer coating, Kevlar strength members and a protective outer jacket. Fiber optic cables use light pulses as opposed to electrical signals to send information.

How are Fiber Optic Cables used?

Fiber optic cables can be plugged into communications equipment and patch panels to provide a physical connection to a network or device.

Where are Fiber Optic Cables used?

Fiber optic cables are used by commercial business, governments, the military and many other industries for myriad applications involving the transmission of voice, video and data.

Fiber Optic Cabling Terms

Absorption: One cause of attenuation where light signal is absorbed into the glass during transmission.

Attenuation: Optical loss of power. Attenuation is measured in dB loss per length of cable. Attenuation is usually caused by absorption and scattering.

Attenuator: A device used to reduce the power of an optical signal.

Back Reflection: A measure of the light reflected off the polished end of a fiber connector. Measured in negative dB relative to incident power.

Bandwidth: The range of signal frequencies that a fiber optic cable will transmit.

Buffer: The protective coating over the fiber.

Insertion Loss: The attenuation caused by the insertion of a device (such as a splice or connection point) to a cable.

Loss Budget: The maximum amount of power that is allowed to be lost per optical link.

Multimode: A type of fiber optic cable where the core diameter is much larger than the wavelength of light transmitted. Two common multimode fiber types are 50/125 and 62.5/125.

Return Loss: The ratio of the power launched into a cable and the power of the light returned down the fiber. This measurement is expressed in positive decibel units (dB). A higher number is better. Return Loss = $10 \log \left({}^{\text{incident}}_{\text{power}} / {}^{\text{returned}}_{\text{power}} \right)$.

Scattering: A second cause of attenuation. Scattering occurs when light collides with individual atoms in the glass.

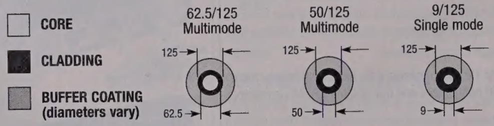
Single mode: A type of fiber with a small core that allows only one mode of light to propagate. A common single mode type is 9/125.

Wavelength: A means of measuring light color. Expressed in nanometers (nm).

A Quick Lesson In Optical Transmission

Where copper cabling uses electricity to transmit signals from one end to another, fiber optics use light pulses to accomplish the same purpose. The fiber cable is made of a transparent glass core surrounded by a mirror like covering called cladding. Light passes through the cable, bouncing off the cladding until it reaches the other end of the fiber channel - this is called total internal reflection.

In today's high speed networks, Graded Index Multimode fiber or Step Index Single mode fiber is used to improve light transmission over long distances. Multimode fiber has a larger core and is typically used in short runs within buildings. Single mode fiber has a smaller core and is used in long distance runs typically outside between buildings.



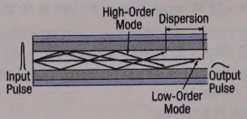
Fiber Core Sizes

Fiber specifications list the core and cladding diameters as a ratio. The top example shows the ratio of core to cladding as 62.5/125 microns. Below, the ratio is 9/125 microns. Multimode fiber is commonly 62.5/125 or 50/125 micron, single mode fiber is commonly 9/125 micron.

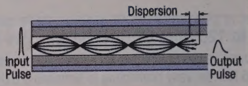
Fiber Glass Types

Stepped Index Fiber relies on the reflection of light whereas in Graded Index Fiber, the properties of the glass are changed in layers to "bend" the light as it travels down the cable. This reduces modal dispersion within the cable allowing for higher transmission rates.

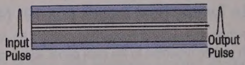
MULTIMODE, STEP-INDEX



MULTIMODE, GRADED-INDEX



SINGLE MODE, STEP-INDEX



How do fiber optics work?

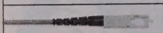
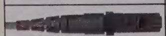
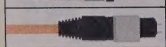
Online Video

L-com.com/videos/A15

Learn all about fiber connectors

Online Video

L-com.com/Videos/A21

	Connector Type	Coupling Type	Fiber Type	Polish	Number Fibers	Typical Applications	Comment
	ST	Twist On	Single mode/Multimode	PC, UPC	1	LANS	Keyed
	FC	Screw On	Single mode/Multimode	PC, UPC, APC	1	Datacom, Telecommunications	Keyed
	SC	Snap On	Single mode/Multimode	PC, UPC, APC	1	CATV, Test Equipment	Keyed
	LC	Snap On RJ45 Style	Single mode/Multimode	PC, UPC, APC	1	Gigabit Ethernet, Video Multimedia	Small Form Factor (SFF)
	MU	Push/Pull	Single mode/Multimode	PC, UPC, APC	1	Medical, Military	Small Form Factor (SFF)
	MT-RJ	Snap On RJ45 Style	Single mode/Multimode	N/A	2	Gigabit Ethernet, Asynchronous Transmission Mode (ATM)	One of Mating Connectors must have Alignment Pins
	MPO (MTP)	Push/Pull	Single mode/Multimode	N/A	4, 8, 12, 16, 24	Active Device Transceiver, Interconnections for O/E Modules	One of Mating Connectors must have Alignment Pins

L-com® Global Connectivity

For more useful information go to....
L-com.com/Resources

Bulk Fiber Optic Cabling - Sold by the Meter

L-com offers the most popular types of Simplex, Duplex, Breakout and Distribution cable. All available from stock in 1 meter intervals with a 25 meter minimum unless otherwise noted. Other cabling types are available by request. Jacket color of bulk cable may vary. **Note:** Bulk cable custom lengths are non-returnable.

NOTE:
Cable measurements in meters.
1m = 3.28 ft. Custom lengths are non-returnable.

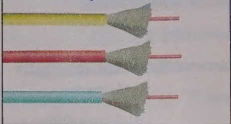
SIMPLEX CABLE

- Number of Fibers: 1
- Jacket Type: OFNR rated
- Operating Temperature: -40°C - +85°C
- Indoor Use

Simplex cable is commonly used for short point to point patching.

RoHS Item #	Description	Outer Jacket	Price/m
FOBOS1S-M	SM, 9/125 bulk simplex cable	Yellow	0.73
FOBOM1S-M	OM1, 62.5/125 bulk simplex cable	Orange	1.00
FOBOM2S-M	OM2, 50/125 bulk simplex cable	Orange	0.90
OM4 100 Gig Rated Simplex Bulk Cable, 50 Meter Minimum			
FOBOM4S-M	OM4, 100 Gig Rated 50/125 bulk simplex cable	Aqua	1.88

Simplex Cable



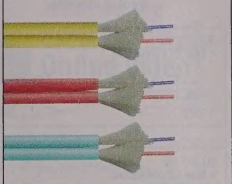
DUPLEX ZIPCORD

- Number of Fibers: 2
- Jacket Type: Riser - OFNR rated
- Operating Temperature: -40°C - +85°C
- Zipcord can easily be split apart to create 2 simplex cords
- Indoor Use

Zipcord is the common choice for building short duplex fiber runs or patch cords. It is the most flexible choice.

RoHS Item #	Description	Outer Jacket	Price/m
FOBOS1Z-M	SM, 9/125 bulk duplex cable	Yellow	1.30
FOBOM1Z-M	OM1, 62.5/125 bulk duplex cable	Orange	1.53
FOBOM2Z-M	OM2, 50/125 bulk duplex cable	Orange	1.43
FOBOM3Z-M	OM3, 10 Gig rated 50/125 bulk duplex cable	Aqua	2.05
OM4 100 Gig Rated Duplex Bulk Cable, 50 Meter Minimum			
FOBOM4Z-M	OM4, 100 Gig rated 50/125 bulk duplex cable	Aqua	2.80

Duplex Zipcord



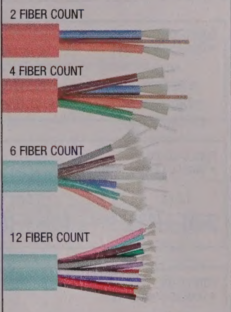
BREAKOUT CABLE

- Number of Fibers: 2, 4, 6, 12. Other fiber counts available by custom request
- Jacket: Plenum - OFNP rated
- Operating Temperature: -40°C - +85°C
- Indoor or Outdoor Use

Breakout cable is user friendly because each fiber has its own jacket and aramid strength elements. Due to this, each fiber is extremely strong and rugged. Breakout fiber is also very stiff compared to distribution or zipcord.

RoHS Item #	Description	Outer Jacket	Price/m
FOBOS1IB2-M	2 count SM, 9/125 bulk breakout cable	Yellow	4.95
FOBOS1IB4-M	4 count SM, 9/125 bulk breakout cable	Yellow	5.55
FOBOS1IB6-M	6 count SM, 9/125 bulk breakout cable	Yellow	7.63
FOBOS1IB12-M	12 count SM, 9/125 bulk breakout cable	Yellow	12.30
FOBOM1IB2-M	2 count OM1, 62.5/125 bulk breakout cable	Orange	5.33
FOBOM1IB4-M	4 count OM1, 62.5/125 bulk breakout cable	Orange	6.30
FOBOM1IB6-M	6 count OM1, 62.5/125 bulk breakout cable	Orange	8.80
FOBOM1IB12-M	12 count OM1, 62.5/125 bulk breakout cable	Orange	15.50
FOBOM2IB2-M	2 count OM2, 50/125 bulk breakout cable	Orange	5.20
FOBOM2IB4-M	4 count OM2, 50/125 bulk breakout cable	Orange	7.60
FOBOM2IB6-M	6 count OM2, 50/125 bulk breakout cable	Orange	10.18
FOBOM2IB12-M	12 count OM2, 50/125 bulk breakout cable	Orange	16.80
FOBOM3IB2-M	2 count OM3, 10 Gig Rated 50/125 bulk breakout cable	Aqua	6.78
FOBOM3IB4-M	4 count OM3, 10 Gig Rated 50/125 bulk breakout cable	Aqua	8.40
FOBOM3IB6-M	6 count OM3, 10 Gig Rated 50/125 bulk breakout cable	Aqua	12.15
FOBOM3IB12-M	12 count OM3, 10 Gig Rated 50/125 bulk breakout cable	Aqua	20.95
OM4 100 Gig Rated Breakout Bulk Cable, 155 Meter Minimum			
FOBOM4IB2-M	2 count OM4, 100 Gig Rated 50/125 bulk breakout cable	Aqua	7.40
FOBOM4IB4-M	4 count OM4, 100 Gig Rated 50/125 bulk breakout cable	Aqua	9.58
FOBOM4IB6-M	6 count OM4, 100 Gig Rated 50/125 bulk breakout cable	Aqua	15.03
FOBOM4IB12-M	12 count OM4, 100 Gig Rated 50/125 bulk breakout cable	Aqua	22.00

Breakout Cable



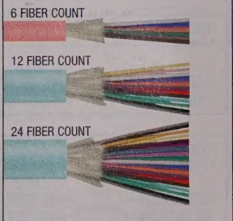
DISTRIBUTION CABLE

- Number of Fibers: 6, 12, 24. Other fiber counts available by custom request
- Jacket: Plenum - OFNP rated
- Operating Temperature: 0°C - +80°C

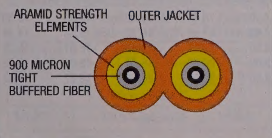
Distribution cable is more compact and flexible than breakout since each fiber is only protected by the 900 micron buffer.

RoHS Item #	Description	Outer Jacket	Price/m
FOBSNGID6-M	6 count SM, 9/125 indoor bulk distribution cable	Yellow	2.75
FOBSNGID12-M	12 count SM, 9/125 indoor bulk distribution cable	Yellow	6.95
FOBSNGD24-M	24 count SM, 9/125 indoor/outdoor bulk distribution cable	Yellow	11.25
FOBOM1ID6-M	6 count OM1, 62.5/125 indoor bulk distribution cable	Orange	4.05
FOBOM1ID12-M	12 count OM1, 62.5/125 indoor bulk distribution cable	Orange	7.20
FOB625D24-M	24 count OM1, 62.5/125 indoor/outdoor bulk distribution cable	Orange	16.88
FOBOM2ID6-M	6 count OM2, 50/125 indoor bulk distribution cable	Orange	3.95
FOBOM2ID12-M	12 count OM2, 50/125 indoor bulk distribution cable	Orange	6.35
FOB500D24-M	24 count OM2, 50/125 indoor/outdoor bulk distribution cable	Orange	17.65
FOBOM3ID6-M	6 count OM3, 10 Gig Rated 50/125 indoor bulk distribution cable	Aqua	8.45
FOBOM3ID12-M	12 count OM3, 10 Gig Rated 50/125 indoor bulk distribution cable	Aqua	15.25
FOB501D24-M	24 count OM3, 10 Gig Rated 50/125 indoor/outdoor bulk dist. cable	Aqua	25.95
OM4 100 Gig Rated Distribution Cable, 155 Meter Minimum			
FOBOM4ID6-M	6 count OM4, 100 Gig Rated 50/125 indoor bulk distribution cable	Aqua	10.45
FOBOM4ID12-M	6 count OM4, 100 Gig Rated 50/125 indoor bulk distribution cable	Aqua	18.45

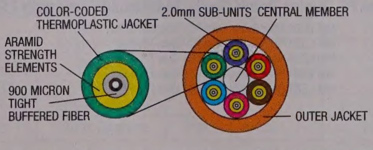
Distribution Cable



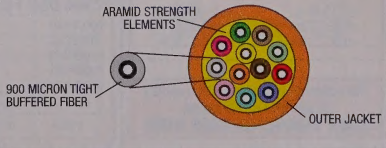
Duplex Zipcord



Breakout Cable



Distribution Cable



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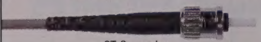
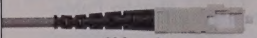
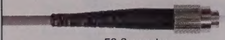
CONNECTOR LEGEND

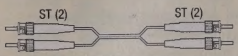

ST Connector


SC Connector

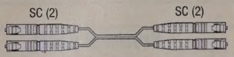

FC Connector

Clipped LC Connector

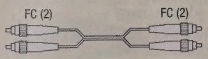
FODSTC-XX
- Dual ST Connectors



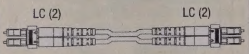
FODSC-XX
- Dual SC Connectors



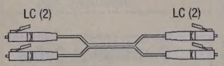
FODFC-XX
- Dual FC Connectors



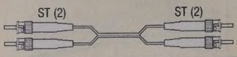
FODLC-CL-XX
- Dual LC Clipped Connectors



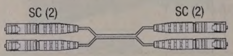
FODZLC-XX
- Dual LC Connectors



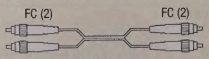
FODZST-XX
- Dual ST Connectors



FODZSC-XX
- Dual SC Connectors



FODZFC-XX
- Dual FC Connectors



You can have custom fiber cables in as little as 48 hours.
CALL 1-800-343-1455 NOW!

62.5/125

L-com's multimode fiber optic patch cords and adapter cords utilize OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC polish. Custom lengths and other connector types are available. All cable measurements are in meters. 1m = 3.28 ft.

✓RoHS Dual ST to Dual ST Duplex Patch Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODSTC-01	MM Fiber Cable, Dual ST / Dual ST, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSTC-02	MM Fiber Cable, Dual ST / Dual ST, 2.0m	17.25	16.21	15.18	14.15	13.11
FODSTC-03	MM Fiber Cable, Dual ST / Dual ST, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSTC-04	MM Fiber Cable, Dual ST / Dual ST, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSTC-05	MM Fiber Cable, Dual ST / Dual ST, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSTC-10	MM Fiber Cable, Dual ST / Dual ST, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSTC-15	MM Fiber Cable, Dual ST / Dual ST, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSTC-20	MM Fiber Cable, Dual ST / Dual ST, 20.0m	39.75	37.36	34.98	32.60	30.21
FODSTC-25	MM Fiber Cable, Dual ST / Dual ST, 25.0m	46.00	43.24	40.48	37.72	34.96
FODSTC-30	MM Fiber Cable, Dual ST / Dual ST, 30.0m	52.25	49.11	45.98	42.85	39.71
FODSTC-35	MM Fiber Cable, Dual ST / Dual ST, 35.0m	58.50	54.99	51.48	47.97	44.46
FODSTC-40	MM Fiber Cable, Dual ST / Dual ST, 40.0m	64.75	60.86	56.98	53.10	49.21
FODSTC-45	MM Fiber Cable, Dual ST / Dual ST, 45.0m	71.00	66.74	62.48	58.22	53.96

✓RoHS Dual SC to Dual SC Duplex Patch Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODSC-01	MM Fiber Cable, Dual SC / Dual SC, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSC-02	MM Fiber Cable, Dual SC / Dual SC, 2.0m	17.75	16.68	15.62	14.56	13.49
FODSC-03	MM Fiber Cable, Dual SC / Dual SC, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSC-04	MM Fiber Cable, Dual SC / Dual SC, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSC-05	MM Fiber Cable, Dual SC / Dual SC, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSC-10	MM Fiber Cable, Dual SC / Dual SC, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSC-15	MM Fiber Cable, Dual SC / Dual SC, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSC-20	MM Fiber Cable, Dual SC / Dual SC, 20.0m	39.75	37.36	34.98	32.60	30.21
FODSC-25	MM Fiber Cable, Dual SC / Dual SC, 25.0m	46.00	43.24	40.48	37.72	34.96
FODSC-30	MM Fiber Cable, Dual SC / Dual SC, 30.0m	52.25	49.11	45.98	42.85	39.71
FODSC-35	MM Fiber Cable, Dual SC / Dual SC, 35.0m	58.50	54.99	51.48	47.97	44.46
FODSC-40	MM Fiber Cable, Dual SC / Dual SC, 40.0m	64.75	60.86	56.98	53.10	49.21
FODSC-45	MM Fiber Cable, Dual SC / Dual SC, 45.0m	71.00	66.74	62.48	58.22	53.96

✓RoHS Dual FC to Dual FC Duplex Patch Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODFC-01	MM Fiber Cable, Dual FC / Dual FC, 1.0m	18.75	17.63	16.50	15.38	14.25
FODFC-02	MM Fiber Cable, Dual FC / Dual FC, 2.0m	20.00	18.80	17.60	16.40	15.20
FODFC-03	MM Fiber Cable, Dual FC / Dual FC, 3.0m	21.25	19.97	18.70	17.43	16.15
FODFC-04	MM Fiber Cable, Dual FC / Dual FC, 4.0m	22.50	21.15	19.80	18.45	17.10
FODFC-05	MM Fiber Cable, Dual FC / Dual FC, 5.0m	23.75	22.32	20.90	19.48	18.05

✓RoHS Dual LC to Dual LC Clipped Duplex Patch Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODLC-CL-01	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 1.0m	20.00	18.80	17.60	16.40	15.20
FODLC-CL-02	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 2.0m	21.00	19.74	18.48	17.22	15.96
FODLC-CL-03	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 3.0m	22.00	20.68	19.36	18.04	16.72
FODLC-CL-04	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 4.0m	23.00	21.62	20.24	18.86	17.48
FODLC-CL-05	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 5.0m	24.00	22.56	21.12	19.68	18.24
FODLC-CL-10	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 10.0m	29.00	27.26	25.52	23.78	22.04

62.5/125

L-com utilizes a Riser Rated OFNR Low Smoke Zero Halogen (LSZH) jacket and all cables come standard with a PC polish. UPC polish available as a custom as well as custom lengths and connector combinations.

✓RoHS Dual LC to Dual LC Duplex Patch Cords, Multimode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODZLC-01	MM LSZH Fiber Cable, Dual LC / Dual LC, 1.0m	36.50	34.31	32.12	29.93	27.74
FODZLC-02	MM LSZH Fiber Cable, Dual LC / Dual LC, 2.0m	38.00	35.72	33.44	31.16	28.88
FODZLC-03	MM LSZH Fiber Cable, Dual LC / Dual LC, 3.0m	39.50	37.13	34.76	32.39	30.02
FODZLC-04	MM LSZH Fiber Cable, Dual LC / Dual LC, 4.0m	41.00	38.54	36.08	33.62	31.16
FODZLC-05	MM LSZH Fiber Cable, Dual LC / Dual LC, 5.0m	42.50	39.95	37.40	34.85	32.30

✓RoHS Dual ST to Dual ST Duplex Patch Cords, Multimode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODZST-01	MM LSZH Fiber Cable, Dual ST / Dual ST, 1.0m	14.75	13.86	12.98	12.10	11.21
FODZST-02	MM LSZH Fiber Cable, Dual ST / Dual ST, 2.0m	16.25	15.27	14.30	13.33	12.35
FODZST-03	MM LSZH Fiber Cable, Dual ST / Dual ST, 3.0m	17.75	16.68	15.62	14.56	13.49
FODZST-04	MM LSZH Fiber Cable, Dual ST / Dual ST, 4.0m	19.25	18.09	16.94	15.79	14.63
FODZST-05	MM LSZH Fiber Cable, Dual ST / Dual ST, 5.0m	20.75	19.50	18.26	17.02	15.77

✓RoHS Dual SC to Dual SC Duplex Patch Cords, Multimode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODZSC-01	MM LSZH Fiber Cable, Dual SC / Dual SC, 1.0m	14.75	13.86	12.98	12.10	11.21
FODZSC-02	MM LSZH Fiber Cable, Dual SC / Dual SC, 2.0m	16.25	15.27	14.30	13.33	12.35
FODZSC-03	MM LSZH Fiber Cable, Dual SC / Dual SC, 3.0m	17.75	16.68	15.62	14.56	13.49
FODZSC-04	MM LSZH Fiber Cable, Dual SC / Dual SC, 4.0m	19.25	18.09	16.94	15.79	14.63
FODZSC-05	MM LSZH Fiber Cable, Dual SC / Dual SC, 5.0m	20.75	19.50	18.26	17.02	15.77

✓RoHS Dual FC to Dual FC Duplex Patch Cords, Multimode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODZFC-01	MM LSZH Fiber Cable, Dual FC / Dual FC, 1.0m	17.50	16.45	15.40	14.35	13.30
FODZFC-02	MM LSZH Fiber Cable, Dual FC / Dual FC, 2.0m	19.00	17.86	16.72	15.58	14.44
FODZFC-03	MM LSZH Fiber Cable, Dual FC / Dual FC, 3.0m	20.50	19.27	18.04	16.81	15.58
FODZFC-04	MM LSZH Fiber Cable, Dual FC / Dual FC, 4.0m	22.00	20.68	19.36	18.04	16.72
FODZFC-05	MM LSZH Fiber Cable, Dual FC / Dual FC, 5.0m	23.50	22.09	20.68	19.27	17.86

For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

L-com® Global Connectivity

Custom design and manufacturing capabilities
Our product design process takes you from concept to production. L-com.com/Custom

62.5/125

L-com's multimode fiber optic patch cords and adapter cords utilize OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC polish. Custom lengths and other connector types are available. All cable measurements are in meters. 1m = 3.28 ft.

✓RoHS Dual FC to Dual ST Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODFC-ST-01	MM Fiber Cable, Dual FC / Dual ST, 1.0m	17.25	16.21	15.18	14.15	13.11
FODFC-ST-02	MM Fiber Cable, Dual FC / Dual ST, 2.0m	18.50	17.39	16.28	15.17	14.06
FODFC-ST-03	MM Fiber Cable, Dual FC / Dual ST, 3.0m	19.75	18.56	17.38	16.20	15.01
FODFC-ST-04	MM Fiber Cable, Dual FC / Dual ST, 4.0m	21.00	19.74	18.48	17.22	15.96
FODFC-ST-05	MM Fiber Cable, Dual FC / Dual ST, 5.0m	22.25	20.91	19.58	18.25	16.91

✓RoHS Dual FC to Dual SC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODFC-SC-01	MM Fiber Cable, Dual FC / Dual SC, 1.0m	17.25	16.21	15.18	14.15	13.11
FODFC-SC-02	MM Fiber Cable, Dual FC / Dual SC, 2.0m	18.50	17.39	16.28	15.17	14.06
FODFC-SC-03	MM Fiber Cable, Dual FC / Dual SC, 3.0m	19.75	18.56	17.38	16.20	15.01
FODFC-SC-04	MM Fiber Cable, Dual FC / Dual SC, 4.0m	21.00	19.74	18.48	17.22	15.96
FODFC-SC-05	MM Fiber Cable, Dual FC / Dual SC, 5.0m	22.25	20.91	19.58	18.25	16.91

✓RoHS Dual FC to Dual LC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODFC-LC-01	MM Fiber Cable, Dual FC / Dual LC, 1.0m	24.50	23.03	21.56	20.09	18.62
FODFC-LC-02	MM Fiber Cable, Dual FC / Dual LC, 2.0m	25.75	24.20	22.66	21.12	19.57
FODFC-LC-03	MM Fiber Cable, Dual FC / Dual LC, 3.0m	27.00	25.38	23.76	22.14	20.52
FODFC-LC-04	MM Fiber Cable, Dual FC / Dual LC, 4.0m	28.25	26.55	24.86	23.17	21.47
FODFC-LC-05	MM Fiber Cable, Dual FC / Dual LC, 5.0m	29.50	27.73	25.96	24.19	22.42

✓RoHS Dual ST to Dual SC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODST-SC-01	MM Fiber Cable, Dual ST / Dual SC, 1.0m	16.00	15.04	14.08	13.12	12.16
FODST-SC-02	MM Fiber Cable, Dual ST / Dual SC, 2.0m	17.25	16.21	15.18	14.15	13.11
FODST-SC-03	MM Fiber Cable, Dual ST / Dual SC, 3.0m	18.50	17.39	16.28	15.17	14.06
FODST-SC-04	MM Fiber Cable, Dual ST / Dual SC, 4.0m	19.75	18.56	17.38	16.20	15.01
FODST-SC-05	MM Fiber Cable, Dual ST / Dual SC, 5.0m	21.00	19.74	18.48	17.22	15.96
FODST-SC-10	MM Fiber Cable, Dual ST / Dual SC, 10.0m	27.25	25.61	23.98	22.35	20.71
FODST-SC-15	MM Fiber Cable, Dual ST / Dual SC, 15.0m	33.50	31.49	29.48	27.47	25.46
FODST-SC-20	MM Fiber Cable, Dual ST / Dual SC, 20.0m	39.75	37.36	34.98	32.60	30.21

✓RoHS Dual ST to Dual LC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODST-LC-01	MM Fiber Cable, Dual ST / Dual LC, 1.0m	24.25	22.79	21.34	19.89	18.43
FODST-LC-02	MM Fiber Cable, Dual ST / Dual LC, 2.0m	25.50	23.97	22.44	20.91	19.38
FODST-LC-03	MM Fiber Cable, Dual ST / Dual LC, 3.0m	26.75	25.14	23.54	21.94	20.33
FODST-LC-04	MM Fiber Cable, Dual ST / Dual LC, 4.0m	28.00	26.32	24.64	22.96	21.28
FODST-LC-05	MM Fiber Cable, Dual ST / Dual LC, 5.0m	29.25	27.49	25.74	23.99	22.23

✓RoHS Dual SC to Dual LC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODSC-LC-01	MM Fiber Cable, Dual SC / Dual LC, 1.0m	22.25	20.91	19.58	18.25	16.91
FODSC-LC-02	MM Fiber Cable, Dual SC / Dual LC, 2.0m	23.50	22.09	20.68	19.27	17.86
FODSC-LC-03	MM Fiber Cable, Dual SC / Dual LC, 3.0m	24.75	23.26	21.78	20.30	18.81
FODSC-LC-04	MM Fiber Cable, Dual SC / Dual LC, 4.0m	26.00	24.44	22.88	21.32	19.76
FODSC-LC-05	MM Fiber Cable, Dual SC / Dual LC, 5.0m	27.25	25.61	23.98	22.35	20.71

Tip *Multimode, Single mode, Laser Optimized ... What does it all mean?*

In today's world of fiber optics many choices are available when choosing fiber optic cable types. Depending on the type of fiber cable and transceiver specification, different distances are supported per technology (i.e. 100Base FX, 1 Gigabit, 10 Gigabit etc.)

Size of the fiber core, bandwidth requirements and transceiver wavelengths (i.e. 850m, 1550nm) are some of the considerations when designing a network with fiber.

The chart below outlines some common specifications for fiber optic cables including bandwidth and typical maximum distances.

Always check the manufacturer's transceiver specifications for the equipment you are buying fiber optic cables for.

100 Mbps Ethernet over Fiber

	Bandwidth (MHz/km) 850nm/1300nm	Typical Distance
62.5/125	200/500	2km
50/125	500/500	2km
	1310nm/1550nm	
9/125	>100K Gigahertz	100km

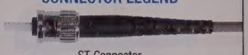
1 Gig Ethernet over Fiber

	Bandwidth (MHz/km) 850nm/1300nm	Typical Distance
62.5/125	200/500	220m
50/125	500/500	550m
	1310nm/1550nm	
9/125	>100K Gigahertz	70km

10 Gig Ethernet over Fiber

	Bandwidth (MHz/km) 850nm/1300nm	Typical Distance
62.5/125	200/500	35m
50/125	500/500	65m
50/125 Laser Optimized	2000/500	300m
	1310nm/1550nm	
9/125	>100K Gigahertz	40km

CONNECTOR LEGEND


ST Connector

FC Connector

SC Connector

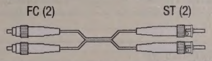
LC Connector (Lucent)

What do the numbers mean?

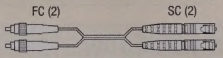
Online Video

L-com.com/Videos/A15

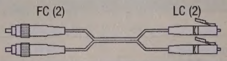
FODFC-ST-XX
- Dual FC and Dual ST Connectors



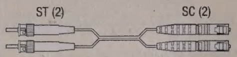
FODFC-SC-XX
- Dual FC and Dual SC Connectors



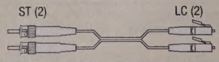
FODFC-LC-XX
- Dual FC and Dual LC Connectors



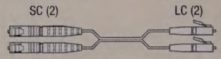
FODST-SC-XX
- Dual ST and Dual SC Connectors



FODST-LC-XX
- Dual ST and Dual LC Connectors



FODSC-LC-XX
- Dual SC and Dual LC Connectors



You can have custom fiber cables in as little as 48 hours.
CALL 1-800-343-1455 NOW!

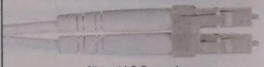
For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

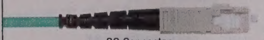
What does 9/125, 50/125 & 62.5/125 mean?
See the free video tip and more
at L-com.com/Videos/A15

L-com Global Connectivity

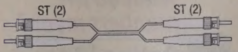
CONNECTOR LEGEND

ST Connector

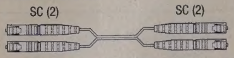

Clipped LC Connector


SC Connector

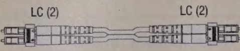
FODSTC50-XX
- Dual ST Connectors



FODSC50-XX
- Dual SC Connectors



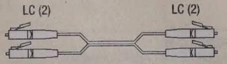
FODLC50-CL-XX
- Dual LC Clipped Connectors



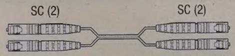
Did you know...

L-com offers 10 Gig optimized 50/125 fiber cable assemblies off the shelf?

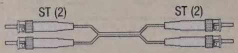
FODLC-10G-XX
- Dual LC Connectors



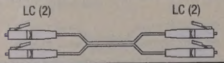
FODSC-10G-XX
- Dual SC Connectors



FODST-10G-XX
- Dual ST Connectors



FODLC-OM4-XX
- Dual LC Connectors



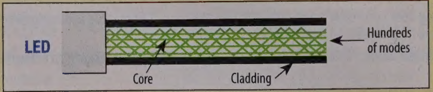
You can have custom fiber cables in as little as 48 hours.
CALL 1-800-343-1455 NOW!

50/125

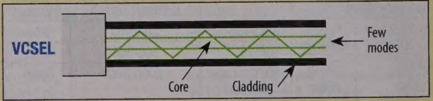
L-com's multimode fiber optic patch cords and adapter cords utilize OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC polish. Custom lengths and other connector types are available. All cable measurements are in meters. 1m = 3.28 ft.

Item #	Description	1-9	10-24	25-99	100-249	250-499
✓RoHS Dual ST to Dual ST Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODSTC50-01	MM Fiber Cable, Dual ST / Dual ST, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSTC50-02	MM Fiber Cable, Dual ST / Dual ST, 2.0m	17.25	16.21	15.18	14.15	13.11
FODSTC50-03	MM Fiber Cable, Dual ST / Dual ST, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSTC50-04	MM Fiber Cable, Dual ST / Dual ST, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSTC50-05	MM Fiber Cable, Dual ST / Dual ST, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSTC50-10	MM Fiber Cable, Dual ST / Dual ST, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSTC50-15	MM Fiber Cable, Dual ST / Dual ST, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSTC50-20	MM Fiber Cable, Dual ST / Dual ST, 20.0m	39.75	37.36	34.98	32.60	30.21
✓RoHS Dual SC to Dual SC Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODSC50-01	MM Fiber Cable, Dual SC / Dual SC, 1.0m	16.00	15.04	14.08	13.12	12.16
FODSC50-02	MM Fiber Cable, Dual SC / Dual SC, 2.0m	17.25	16.21	15.18	14.15	13.11
FODSC50-03	MM Fiber Cable, Dual SC / Dual SC, 3.0m	18.50	17.39	16.28	15.17	14.06
FODSC50-04	MM Fiber Cable, Dual SC / Dual SC, 4.0m	19.75	18.56	17.38	16.20	15.01
FODSC50-05	MM Fiber Cable, Dual SC / Dual SC, 5.0m	21.00	19.74	18.48	17.22	15.96
FODSC50-10	MM Fiber Cable, Dual SC / Dual SC, 10.0m	27.25	25.61	23.98	22.35	20.71
FODSC50-15	MM Fiber Cable, Dual SC / Dual SC, 15.0m	33.50	31.49	29.48	27.47	25.46
FODSC50-20	MM Fiber Cable, Dual SC / Dual SC, 20.0m	39.75	37.36	34.98	32.60	30.21
✓RoHS Dual LC to Dual LC Clipped Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODLC50-CL-01	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 1.0m	20.00	18.80	17.60	16.40	15.20
FODLC50-CL-02	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 2.0m	21.00	19.74	18.48	17.22	15.96
FODLC50-CL-03	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 3.0m	22.00	20.68	19.36	18.04	16.72
FODLC50-CL-04	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 4.0m	23.00	21.62	20.24	18.86	17.48
FODLC50-CL-05	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 5.0m	24.00	22.56	21.12	19.68	18.24
FODLC50-CL-10	MM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 10.0m	29.00	27.26	25.52	23.78	22.04
✓RoHS Dual LC to Dual LC 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODLC-10G-01	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 1.0m	25.00	23.50	22.00	20.50	19.00
FODLC-10G-02	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 2.0m	26.00	24.44	22.88	21.32	19.76
FODLC-10G-03	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 3.0m	27.00	25.38	23.76	22.14	20.52
FODLC-10G-04	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 4.0m	28.00	26.32	24.64	22.96	21.28
FODLC-10G-05	MM Fiber Cable, Dual LC / Dual LC, 10 Gig, 5.0m	29.00	27.26	25.52	23.78	22.04
✓RoHS Dual SC to Dual SC 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODSC-10G-01	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 1.0m	20.00	18.80	17.60	16.40	15.20
FODSC-10G-02	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 2.0m	21.00	19.74	18.48	17.22	15.96
FODSC-10G-03	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 3.0m	22.00	20.68	19.36	18.04	16.72
FODSC-10G-04	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 4.0m	23.00	21.62	20.24	18.86	17.48
FODSC-10G-05	MM Fiber Cable, Dual SC / Dual SC, 10 Gig, 5.0m	24.00	22.56	21.12	19.68	18.24
✓RoHS Dual ST to Dual ST 10 Gig Optimized Duplex Patch Cord, Multimode Fiber with OFNR Jacket						
FODST-10G-01	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 1.0m	20.00	18.80	17.60	16.40	15.20
FODST-10G-02	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 2.0m	21.00	19.74	18.48	17.22	15.96
FODST-10G-03	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 3.0m	22.00	20.68	19.36	18.04	16.72
FODST-10G-04	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 4.0m	23.00	21.62	20.24	18.86	17.48
FODST-10G-05	MM Fiber Cable, Dual ST / Dual ST, 10 Gig, 5.0m	24.00	22.56	21.12	19.68	18.24
✓RoHS Dual LC to Dual LC Duplex OM4 Duplex Patch Cords, Multimode Fiber with OFNR Jacket						
FODLC-OM4-1	MM OM4 Fiber Cable, Dual LC / Dual LC, 1.0m	27.25	25.61	23.98	22.35	20.71
FODLC-OM4-2	MM OM4 Fiber Cable, Dual LC / Dual LC, 2.0m	28.50	26.79	25.08	23.37	21.66
FODLC-OM4-3	MM OM4 Fiber Cable, Dual LC / Dual LC, 3.0m	29.75	27.96	26.18	24.40	22.61
FODLC-OM4-4	MM OM4 Fiber Cable, Dual LC / Dual LC, 4.0m	31.00	29.14	27.28	25.42	23.56
FODLC-OM4-5	MM OM4 Fiber Cable, Dual LC / Dual LC, 5.0m	32.25	30.31	28.38	26.45	24.51
FODLC-OM4-10	MM OM4 Fiber Cable, Dual LC / Dual LC, 10.0m	38.50	36.19	33.88	31.57	29.26

Tip *What's the difference between regular and 10 Gig Multimode fiber?*



62.5/125 and 50/125 Multimode fiber is typically attached to communications equipment that use LED (Light-Emitting Diode) transceivers. LED transceivers output hundreds of modes or rays of light into the cable.



10 Gbps Vertical Cavity Surface Emitting Lasers (VCSEL's) use only a specific set of modes, not the hundreds of modes that traditional Multimode fiber LED's use.

A fiber cable's bandwidth is dictated by the combined performance of all the modes, if only several modes fall behind or get ahead it has little influence or effect on the cables total bandwidth handling capabilities. So traditional Multimode cable works fine when used with LED transceivers.

When transmitting light through a fiber cable a phenomenon known as Modal Dispersion occurs. Modal Dispersion causes different modes of light to arrive at the receiving end of the cable at different times. The degree of Modal Dispersion is a result of a fiber's refractive index, which is a property of the fiber that affects the speed of light transmitted through the fiber's core. The refractive index of a fiber is defined during the fiber manufacturing process.

As the need for speed and bandwidth grew, 10 Gbps Vertical Cavity Surface Emitting Lasers (VCSEL's) were developed. These low cost lasers use only a specific set of modes. Because of this there can be very little Modal Dispersion since a fiber cable's bandwidth is dictated by the combined performance of all the modes. If only a few modes fall behind or get ahead when using VCSEL technology, it has a great impact on the cables total bandwidth handling capacity.

For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

> "Thank you for sending your catalog, I think it's one of the best on Fiber Optics going. It has almost everything I need for Fiber Optic training. My students would like to see what is available from FIS. There is a lot to see! I would like to receive 5 additional catalogs for use by my students."
> - Robert Jacobs, Instructor, VOTEC Training, San Diego, CA

50/125

L-com's multimode fiber optic patch cords and adapter cords utilize OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC polish. Custom lengths and other connector types are available. All cable measurements are in meters. 1m = 3.28 ft.

Item #	Description	1-9	10-24	25-99	100-249	250-499
RoHS Dual FC to Dual ST Duplex Adapter Cord, Multimode Fiber with OFNR Jacket						
FODFC50-ST-01	MM Fiber Cable, Dual FC / Dual ST, 1.0m	17.25	16.21	15.18	14.15	13.11
FODFC50-ST-02	MM Fiber Cable, Dual FC / Dual ST, 2.0m	18.50	17.39	16.28	15.17	14.06
FODFC50-ST-03	MM Fiber Cable, Dual FC / Dual ST, 3.0m	19.75	18.56	17.38	16.20	15.01
FODFC50-ST-04	MM Fiber Cable, Dual FC / Dual ST, 4.0m	21.00	19.74	18.48	17.22	15.96
FODFC50-ST-05	MM Fiber Cable, Dual FC / Dual ST, 5.0m	22.25	20.91	19.58	18.25	16.91
RoHS Dual FC to Dual SC Duplex Adapter Cord, Multimode Fiber with OFNR Jacket						
FODFC50-SC-01	MM Fiber Cable, Dual FC / Dual SC, 1.0m	17.25	16.21	15.18	14.15	13.11
FODFC50-SC-02	MM Fiber Cable, Dual FC / Dual SC, 2.0m	18.50	17.39	16.28	15.17	14.06
FODFC50-SC-03	MM Fiber Cable, Dual FC / Dual SC, 3.0m	19.75	18.56	17.38	16.20	15.01
FODFC50-SC-04	MM Fiber Cable, Dual FC / Dual SC, 4.0m	21.00	19.74	18.48	17.22	15.96
FODFC50-SC-05	MM Fiber Cable, Dual FC / Dual SC, 5.0m	22.25	20.91	19.58	18.25	16.91
RoHS Dual ST to Dual SC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket						
FODST50-SC-01	MM Fiber Cable, Dual ST / Dual SC, 1.0m	16.00	15.04	14.08	13.12	12.16
FODST50-SC-02	MM Fiber Cable, Dual ST / Dual SC, 2.0m	17.25	16.21	15.18	14.15	13.11
FODST50-SC-03	MM Fiber Cable, Dual ST / Dual SC, 3.0m	18.50	17.39	16.28	15.17	14.06
FODST50-SC-04	MM Fiber Cable, Dual ST / Dual SC, 4.0m	19.75	18.56	17.38	16.20	15.01
FODST50-SC-05	MM Fiber Cable, Dual ST / Dual SC, 5.0m	21.00	19.74	18.48	17.22	15.96
FODST50-SC-10	MM Fiber Cable, Dual ST / Dual SC, 10.0m	27.25	25.61	23.98	22.35	20.71
FODST50-SC-15	MM Fiber Cable, Dual ST / Dual SC, 15.0m	33.50	31.49	29.48	27.47	25.46
FODST50-SC-20	MM Fiber Cable, Dual ST / Dual SC, 20.0m	39.75	37.36	34.98	32.60	30.21
RoHS Dual ST to Dual LC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket						
FODST50-LC-01	MM Fiber Cable, Dual ST / Dual LC, 1.0m	26.25	24.67	23.10	21.53	19.95
FODST50-LC-02	MM Fiber Cable, Dual ST / Dual LC, 2.0m	27.50	25.85	24.20	22.55	20.90
FODST50-LC-03	MM Fiber Cable, Dual ST / Dual LC, 3.0m	28.75	27.02	25.30	23.58	21.85
FODST50-LC-04	MM Fiber Cable, Dual ST / Dual LC, 4.0m	30.00	28.20	26.40	24.60	22.80
FODST50-LC-05	MM Fiber Cable, Dual ST / Dual LC, 5.0m	31.25	29.38	27.50	25.63	23.75
RoHS Dual SC to Dual LC Duplex Adapter Cords, Multimode Fiber with OFNR Jacket						
FODSC50-LC-01	MM Fiber Cable, Dual SC / Dual LC, 1.0m	24.25	22.79	21.34	19.89	18.43
FODSC50-LC-02	MM Fiber Cable, Dual SC / Dual LC, 2.0m	25.50	23.97	22.44	20.91	19.38
FODSC50-LC-03	MM Fiber Cable, Dual SC / Dual LC, 3.0m	26.75	25.14	23.54	21.94	20.33
FODSC50-LC-04	MM Fiber Cable, Dual SC / Dual LC, 4.0m	28.00	26.32	24.64	22.96	21.28
FODSC50-LC-05	MM Fiber Cable, Dual SC / Dual LC, 5.0m	29.25	27.49	25.74	23.99	22.23

50/125

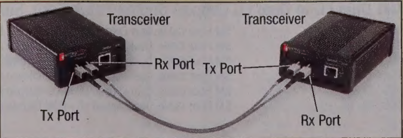
L-com utilizes a Riser Rated OFNR Low Smoke Zero Halogen (LSZH) jacket and all cables come standard with a PC polish. UPC polish available as a custom as well as custom lengths and connector combinations.

Item #	Description	1-9	10-24	25-99	100-249	250-499
RoHS Dual LC to Dual LC Duplex Patch Cord, Multimode Fiber with LSZH Jacket						
FODZLC50-01	MM LSZH Fiber Cable, Dual LC / Dual LC, 1.0m	36.50	34.31	32.12	29.93	27.74
FODZLC50-02	MM LSZH Fiber Cable, Dual LC / Dual LC, 2.0m	38.00	35.72	33.44	31.16	28.88
FODZLC50-03	MM LSZH Fiber Cable, Dual LC / Dual LC, 3.0m	39.50	37.13	34.76	32.39	30.02
FODZLC50-04	MM LSZH Fiber Cable, Dual LC / Dual LC, 4.0m	41.00	38.54	36.08	33.62	31.16
FODZLC50-05	MM LSZH Fiber Cable, Dual LC / Dual LC, 5.0m	42.50	39.95	37.40	34.85	32.30
RoHS Dual ST to Dual ST Duplex Patch Cord, Multimode Fiber with LSZH Jacket						
FODZST50-01	MM LSZH Fiber Cable, Dual ST / Dual ST, 1.0m	14.75	13.86	12.98	12.10	11.21
FODZST50-02	MM LSZH Fiber Cable, Dual ST / Dual ST, 2.0m	16.25	15.27	14.30	13.33	12.35
FODZST50-03	MM LSZH Fiber Cable, Dual ST / Dual ST, 3.0m	17.75	16.68	15.62	14.56	13.49
FODZST50-04	MM LSZH Fiber Cable, Dual ST / Dual ST, 4.0m	19.25	18.09	16.94	15.79	14.63
FODZST50-05	MM LSZH Fiber Cable, Dual ST / Dual ST, 5.0m	20.75	19.50	18.26	17.02	15.77
RoHS Dual SC to Dual SC Duplex Patch Cord, Multimode Fiber with LSZH Jacket						
FODZSC50-01	MM LSZH Fiber Cable, Dual SC / Dual SC, 1.0m	14.75	13.86	12.98	12.10	11.21
FODZSC50-02	MM LSZH Fiber Cable, Dual SC / Dual SC, 2.0m	16.25	15.27	14.30	13.33	12.35
FODZSC50-03	MM LSZH Fiber Cable, Dual SC / Dual SC, 3.0m	17.75	16.68	15.62	14.56	13.49
FODZSC50-04	MM LSZH Fiber Cable, Dual SC / Dual SC, 4.0m	19.25	18.09	16.94	15.79	14.63
FODZSC50-05	MM LSZH Fiber Cable, Dual SC / Dual SC, 5.0m	20.75	19.50	18.26	17.02	15.77
RoHS Dual FC to Dual FC Duplex Patch Cord, Multimode Fiber with LSZH Jacket						
FODZFC50-01	MM LSZH Fiber Cable, Dual FC / Dual FC, 1.0m	17.50	16.45	15.40	14.35	13.30
FODZFC50-02	MM LSZH Fiber Cable, Dual FC / Dual FC, 2.0m	19.00	17.86	16.72	15.58	14.44
FODZFC50-03	MM LSZH Fiber Cable, Dual FC / Dual FC, 3.0m	20.50	19.27	18.04	16.81	15.58
FODZFC50-04	MM LSZH Fiber Cable, Dual FC / Dual FC, 4.0m	22.00	20.68	19.36	18.04	16.72
FODZFC50-05	MM LSZH Fiber Cable, Dual FC / Dual FC, 5.0m	23.50	22.09	20.68	19.27	17.86

"A" and "B" markers make the connection

Online Video
L-com.com/Videos/A06

The "A" and "B" markers on duplex fiber jumpers assist in the proper connection between two transceivers. The transmit (Tx) port of one transceiver connects to the Receive (Rx) port of the second transceiver as illustrated at right. It is important to determine how the individual fibers in a duplex assembly are marked (A to A or A to B) to assure proper connections are made between the Tx and Rx ports of the transceivers.



For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

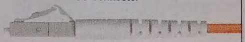
How to clean a fiber cable
See the free video tip and more at
L-com.com/Videos/A05

CONNECTOR LEGEND

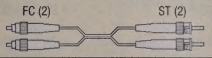
ST Connector

FC Connector

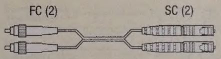
SC Connector


LC Connector (Lucent)

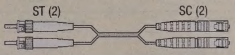
FODFC50-ST-XX
- Dual FC and Dual ST Connectors



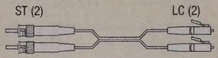
FODFC50-SC-XX
- Dual FC and Dual SC Connectors



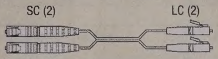
FODST50-SC-XX
- Dual ST and Dual SC Connectors



FODST50-LC-XX
- Dual ST and Dual LC Connectors

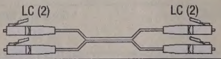


FODSC50-LC-XX
- Dual SC and Dual LC Connectors

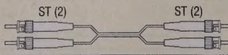


You can have custom fiber cables in as little as 48 hours.
CALL 1-800-343-1455 NOW!

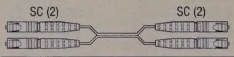
FODZLC50-XX
- Dual LC Connectors



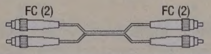
FODZST50-XX
- Dual ST Connectors



FODZSC50-XX
- Dual SC Connectors



FODZFC50-XX
- Dual FC Connectors



L-com® Global Connectivity

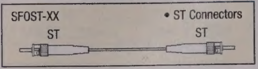
CONNECTOR LEGEND

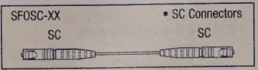
ST Connector

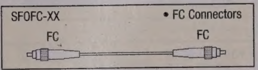
SC Connector

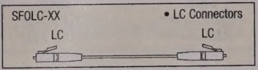
FC Connector

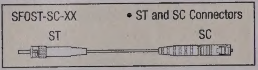
Clipped LC Connector



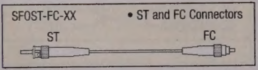


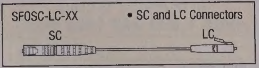


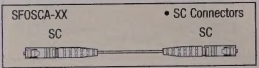


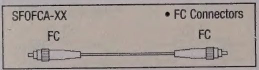


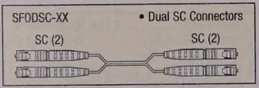
You can have custom fiber cables in as little as 48 hours. CALL 1-800-343-1455 NOW!

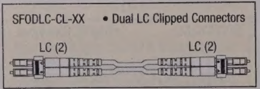












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L-com's single mode fiber optic patch cords and adapter cords are offered in both simplex and duplex configuration with OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC or APC polish. Custom lengths and other connector types are available as are UPC polished assemblies. All cable measurements are in meters. 1m = 3.28 ft.

RoHS ST to ST Simplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOST-01	SM Fiber Cable, ST / ST, 1.0m	10.00	9.40	8.80	8.20	7.60
SFOST-02	SM Fiber Cable, ST / ST, 2.0m	10.50	9.87	9.24	8.61	7.98
SFOST-03	SM Fiber Cable, ST / ST, 3.0m	11.00	10.34	9.68	9.02	8.36
SFOST-04	SM Fiber Cable, ST / ST, 4.0m	11.50	10.81	10.12	9.43	8.74
SFOST-05	SM Fiber Cable, ST / ST, 5.0m	12.00	11.28	10.56	9.84	9.12

RoHS SC to SC Simplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOSC-01	SM Fiber Cable, SC / SC, 1.0m	10.00	9.40	8.80	8.20	7.60
SFOSC-02	SM Fiber Cable, SC / SC, 2.0m	10.50	9.87	9.24	8.61	7.98
SFOSC-03	SM Fiber Cable, SC / SC, 3.0m	11.00	10.34	9.68	9.02	8.36
SFOSC-04	SM Fiber Cable, SC / SC, 4.0m	11.50	10.81	10.12	9.43	8.74
SFOSC-05	SM Fiber Cable, SC / SC, 5.0m	12.00	11.28	10.56	9.84	9.12

RoHS FC to FC Simplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOFC-01	SM Fiber Cable, FC / FC, 1.0m	10.00	9.40	8.80	8.20	7.60
SFOFC-02	SM Fiber Cable, FC / FC, 2.0m	10.50	9.87	9.24	8.61	7.98
SFOFC-03	SM Fiber Cable, FC / FC, 3.0m	11.00	10.34	9.68	9.02	8.36
SFOFC-04	SM Fiber Cable, FC / FC, 4.0m	11.50	10.81	10.12	9.43	8.74
SFOFC-05	SM Fiber Cable, FC / FC, 5.0m	12.00	11.28	10.56	9.84	9.12

RoHS LC to LC Simplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOLC-01	SM Fiber Cable, LC / LC, 1.0m	21.00	19.74	18.48	17.22	15.96
SFOLC-02	SM Fiber Cable, LC / LC, 2.0m	21.50	20.21	18.92	17.63	16.34
SFOLC-03	SM Fiber Cable, LC / LC, 3.0m	22.00	20.68	19.36	18.04	16.72
SFOLC-04	SM Fiber Cable, LC / LC, 4.0m	22.50	21.15	19.80	18.45	17.10
SFOLC-05	SM Fiber Cable, LC / LC, 5.0m	23.00	21.62	20.24	18.86	17.48

RoHS ST to SC Simplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOST-SC-01	SM Fiber Cable, ST / SC, 1.0m	10.00	9.40	8.80	8.20	7.60
SFOST-SC-02	SM Fiber Cable, ST / SC, 2.0m	10.50	9.87	9.24	8.61	7.98
SFOST-SC-03	SM Fiber Cable, ST / SC, 3.0m	11.00	10.34	9.68	9.02	8.36
SFOST-SC-04	SM Fiber Cable, ST / SC, 4.0m	11.50	10.81	10.12	9.43	8.74
SFOST-SC-05	SM Fiber Cable, ST / SC, 5.0m	12.00	11.28	10.56	9.84	9.12

RoHS ST to FC Simplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOST-FC-01	SM Fiber Cable, ST / FC, 1.0m	10.00	9.40	8.80	8.20	7.60
SFOST-FC-02	SM Fiber Cable, ST / FC, 2.0m	10.50	9.87	9.24	8.61	7.98
SFOST-FC-03	SM Fiber Cable, ST / FC, 3.0m	11.00	10.34	9.68	9.02	8.36
SFOST-FC-04	SM Fiber Cable, ST / FC, 4.0m	11.50	10.81	10.12	9.43	8.74
SFOST-FC-05	SM Fiber Cable, ST / FC, 5.0m	12.00	11.28	10.56	9.84	9.12

RoHS SC to LC Simplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOSC-LC-01	SM Fiber Cable, SC / LC, 1.0m	15.00	14.10	13.20	12.30	11.40
SFOSC-LC-02	SM Fiber Cable, SC / LC, 2.0m	15.50	14.57	13.64	12.71	11.78
SFOSC-LC-03	SM Fiber Cable, SC / LC, 3.0m	16.00	15.04	14.08	13.12	12.16
SFOSC-LC-04	SM Fiber Cable, SC / LC, 4.0m	16.50	15.51	14.52	13.53	12.54
SFOSC-LC-05	SM Fiber Cable, SC / LC, 5.0m	17.00	15.98	14.96	13.94	12.92

RoHS SC to SC Simplex Patch Cord, APC Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOSCA-01	SM Fiber Cable, SC / SC, 1.0m	12.00	11.28	10.56	9.84	9.12
SFOSCA-02	SM Fiber Cable, SC / SC, 2.0m	12.50	11.75	11.00	10.25	9.50
SFOSCA-03	SM Fiber Cable, SC / SC, 3.0m	13.00	12.22	11.44	10.66	9.88
SFOSCA-04	SM Fiber Cable, SC / SC, 4.0m	13.50	12.69	11.88	11.07	10.26
SFOSCA-05	SM Fiber Cable, SC / SC, 5.0m	14.00	13.16	12.32	11.48	10.64

RoHS FC to FC Simplex Patch Cord, APC Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFOFCA-01	SM Fiber Cable, FC / FC, 1.0m	12.50	11.75	11.00	10.25	9.50
SFOFCA-02	SM Fiber Cable, FC / FC, 2.0m	13.00	12.22	11.44	10.66	9.88
SFOFCA-03	SM Fiber Cable, FC / FC, 3.0m	13.50	12.69	11.88	11.07	10.26
SFOFCA-04	SM Fiber Cable, FC / FC, 4.0m	14.00	13.16	12.32	11.48	10.64
SFOFCA-05	SM Fiber Cable, FC / FC, 5.0m	14.50	13.63	12.76	11.89	11.02

RoHS Dual SC to Dual SC Duplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODSC-01	SM Fiber Cable, Dual SC / Dual SC, 1.0m	18.50	17.39	16.28	15.17	14.06
SFODSC-02	SM Fiber Cable, Dual SC / Dual SC, 2.0m	19.50	18.33	17.16	15.99	14.82
SFODSC-03	SM Fiber Cable, Dual SC / Dual SC, 3.0m	20.50	19.27	18.04	16.81	15.58
SFODSC-04	SM Fiber Cable, Dual SC / Dual SC, 4.0m	21.50	20.21	18.92	17.63	16.34
SFODSC-05	SM Fiber Cable, Dual SC / Dual SC, 5.0m	22.50	21.15	19.80	18.45	17.10

RoHS Dual LC to Dual LC Clipped Duplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODLC-CL-01	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 1.0m	31.00	29.14	27.28	25.42	23.56
SFODLC-CL-02	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 2.0m	32.00	30.08	28.16	26.24	24.32
SFODLC-CL-03	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 3.0m	33.00	31.02	29.04	27.06	25.08
SFODLC-CL-04	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 4.0m	34.00	31.96	29.92	27.88	25.84
SFODLC-CL-05	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 5.0m	35.00	32.90	30.80	28.70	26.60
SFODLC-CL-10	SM Fiber Cable, Dual Clipped LC / Dual Clipped LC, 10.0m	40.00	37.60	35.20	32.80	30.40

For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

L-com® Global Connectivity

RoHS status information
listed on every product saves you time.
L-com.com/RoHS

RoHS

Item #	Description	1-9	10-24	25-99	100-249	250-499

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L-com's single mode fiber optic patch cords and adapter cords are offered in both simplex and duplex configuration with OFNR Riser Rated jackets. All cables are 100% optically tested and utilize a PC or APC polish. Custom lengths and other connector types are available as are UPC polished assemblies. All cable measurements are in meters. 1m = 3.28 ft.

RoHS Dual ST to Dual ST Duplex Patch Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODST-01	SM Fiber Cable, Dual ST / Dual ST, 1.0m	18.50	17.39	16.28	15.17	14.06
SFODST-02	SM Fiber Cable, Dual ST / Dual ST, 2.0m	19.50	18.33	17.16	15.99	14.82
SFODST-03	SM Fiber Cable, Dual ST / Dual ST, 3.0m	20.50	19.27	18.04	16.81	15.58
SFODST-04	SM Fiber Cable, Dual ST / Dual ST, 4.0m	21.50	20.21	18.92	17.63	16.34
SFODST-05	SM Fiber Cable, Dual ST / Dual ST, 5.0m	22.50	21.15	19.80	18.45	17.10

RoHS Dual ST to Dual SC Duplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODST-SC-01	SM Fiber Cable, Dual ST / Dual SC, 1.0m	18.50	17.39	16.28	15.17	14.06
SFODST-SC-02	SM Fiber Cable, Dual ST / Dual SC, 2.0m	19.50	18.33	17.16	15.99	14.82
SFODST-SC-03	SM Fiber Cable, Dual ST / Dual SC, 3.0m	20.50	19.27	18.04	16.81	15.58
SFODST-SC-04	SM Fiber Cable, Dual ST / Dual SC, 4.0m	21.50	20.21	18.92	17.63	16.34
SFODST-SC-05	SM Fiber Cable, Dual ST / Dual SC, 5.0m	22.50	21.15	19.80	18.45	17.10

RoHS Dual ST to Dual FC Duplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODST-FC-01	SM Fiber Cable, Dual ST / Dual FC, 1.0m	19.50	18.33	17.16	15.99	14.82
SFODST-FC-02	SM Fiber Cable, Dual ST / Dual FC, 2.0m	20.50	19.27	18.04	16.81	15.58
SFODST-FC-03	SM Fiber Cable, Dual ST / Dual FC, 3.0m	21.50	20.21	18.92	17.63	16.34
SFODST-FC-04	SM Fiber Cable, Dual ST / Dual FC, 4.0m	22.50	21.15	19.80	18.45	17.10
SFODST-FC-05	SM Fiber Cable, Dual ST / Dual FC, 5.0m	23.50	22.09	20.68	19.27	17.86

RoHS Dual ST to Dual LC Duplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODST-LC-01	SM Fiber Cable, Dual ST / Dual LC, 1.0m	29.00	27.26	25.52	23.78	22.04
SFODST-LC-02	SM Fiber Cable, Dual ST / Dual LC, 2.0m	30.00	28.20	26.40	24.60	22.80
SFODST-LC-03	SM Fiber Cable, Dual ST / Dual LC, 3.0m	31.00	29.14	27.28	25.42	23.56
SFODST-LC-04	SM Fiber Cable, Dual ST / Dual LC, 4.0m	32.00	30.08	28.16	26.24	24.32
SFODST-LC-05	SM Fiber Cable, Dual ST / Dual LC, 5.0m	33.00	31.02	29.04	27.06	25.08

RoHS Dual SC to Dual LC Duplex Adapter Cord, Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODSC-LC-01	SM Fiber Cable, Dual SC / Dual LC, 1.0m	29.00	27.26	25.52	23.78	22.04
SFODSC-LC-02	SM Fiber Cable, Dual SC / Dual LC, 2.0m	30.00	28.20	26.40	24.60	22.80
SFODSC-LC-03	SM Fiber Cable, Dual SC / Dual LC, 3.0m	31.00	29.14	27.28	25.42	23.56
SFODSC-LC-04	SM Fiber Cable, Dual SC / Dual LC, 4.0m	32.00	30.08	28.16	26.24	24.32
SFODSC-LC-05	SM Fiber Cable, Dual SC / Dual LC, 5.0m	33.00	31.02	29.04	27.06	25.08

RoHS Dual SC to Dual SC Duplex Patch Cord, APC Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODSCA-01	SM Fiber Cable, Dual SC / Dual SC, 1.0m	22.50	21.15	19.80	18.45	17.10
SFODSCA-02	SM Fiber Cable, Dual SC / Dual SC, 2.0m	23.50	22.09	20.68	19.27	17.86
SFODSCA-03	SM Fiber Cable, Dual SC / Dual SC, 3.0m	24.50	23.03	21.56	20.09	18.62
SFODSCA-04	SM Fiber Cable, Dual SC / Dual SC, 4.0m	25.50	23.97	22.44	20.91	19.38
SFODSCA-05	SM Fiber Cable, Dual SC / Dual SC, 5.0m	26.50	24.91	23.32	21.73	20.14

RoHS Dual LC to Dual LC Duplex Patch Cord, APC Single mode Fiber with OFNR Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODLCA-01	SM Fiber Cable, Dual LC / Dual LC, 1.0m	49.00	46.06	43.12	40.18	37.24
SFODLCA-02	SM Fiber Cable, Dual LC / Dual LC, 2.0m	50.00	47.00	44.00	41.00	38.00
SFODLCA-03	SM Fiber Cable, Dual LC / Dual LC, 3.0m	51.00	47.94	44.88	41.82	38.76
SFODLCA-04	SM Fiber Cable, Dual LC / Dual LC, 4.0m	52.00	48.88	45.76	42.64	39.52
SFODLCA-05	SM Fiber Cable, Dual LC / Dual LC, 5.0m	53.00	49.82	46.64	43.46	40.28

9/125

L-com utilizes a Riser Rated OFNR Low Smoke Zero Halogen (LSZH) jacket and all cables come standard with PC or APC polish. UPC polish is available as well as custom lengths and connector combinations.

RoHS Dual ST to Dual ST Duplex Patch Cord, Single mode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODZST-01	SM LSZH Fiber Cable, Dual ST / Dual ST, 1.0m	17.50	16.45	15.40	14.35	13.30
SFODZST-02	SM LSZH Fiber Cable, Dual ST / Dual ST, 2.0m	18.75	17.63	16.50	15.38	14.25
SFODZST-03	SM LSZH Fiber Cable, Dual ST / Dual ST, 3.0m	20.00	18.80	17.60	16.40	15.20
SFODZST-04	SM LSZH Fiber Cable, Dual ST / Dual ST, 4.0m	21.25	19.97	18.70	17.43	16.15
SFODZST-05	SM LSZH Fiber Cable, Dual ST / Dual ST, 5.0m	22.50	21.15	19.80	18.45	17.10

RoHS Dual SC to Dual SC Duplex Patch Cord, Single mode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODZSC-01	SM LSZH Fiber Cable, Dual SC / Dual SC, 1.0m	17.50	16.45	15.40	14.35	13.30
SFODZSC-02	SM LSZH Fiber Cable, Dual SC / Dual SC, 2.0m	18.75	17.63	16.50	15.38	14.25
SFODZSC-03	SM LSZH Fiber Cable, Dual SC / Dual SC, 3.0m	20.00	18.80	17.60	16.40	15.20
SFODZSC-04	SM LSZH Fiber Cable, Dual SC / Dual SC, 4.0m	21.25	19.97	18.70	17.43	16.15
SFODZSC-05	SM LSZH Fiber Cable, Dual SC / Dual SC, 5.0m	22.50	21.15	19.80	18.45	17.10

RoHS Dual FC to Dual FC Duplex Patch Cord, Single mode Fiber with LSZH Jacket

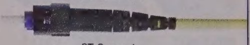
Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODZFC-01	SM LSZH Fiber Cable, Dual FC / Dual FC, 1.0m	19.00	17.86	16.72	15.58	14.44
SFODZFC-02	SM LSZH Fiber Cable, Dual FC / Dual FC, 2.0m	20.25	19.04	17.82	16.61	15.39
SFODZFC-03	SM LSZH Fiber Cable, Dual FC / Dual FC, 3.0m	21.50	20.21	18.92	17.63	16.34
SFODZFC-04	SM LSZH Fiber Cable, Dual FC / Dual FC, 4.0m	22.75	21.38	20.02	18.66	17.29
SFODZFC-05	SM LSZH Fiber Cable, Dual FC / Dual FC, 5.0m	24.00	22.56	21.12	19.68	18.24

RoHS Dual LC to Dual LC Duplex Patch Cord, Single mode Fiber with LSZH Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
SFODZLC-01	SM LSZH Fiber Cable, Dual LC / Dual LC, 1.0m	39.25	36.89	34.54	32.19	29.83
SFODZLC-02	SM LSZH Fiber Cable, Dual LC / Dual LC, 2.0m	40.50	38.07	35.64	33.21	30.78
SFODZLC-03	SM LSZH Fiber Cable, Dual LC / Dual LC, 3.0m	41.75	39.24	36.74	34.23	31.73
SFODZLC-04	SM LSZH Fiber Cable, Dual LC / Dual LC, 4.0m	43.00	40.42	37.84	35.26	32.68
SFODZLC-05	SM LSZH Fiber Cable, Dual LC / Dual LC, 5.0m	44.25	41.59	38.94	36.29	33.63

CONNECTOR LEGEND

SC Connector

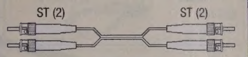

ST Connector

FC Connector

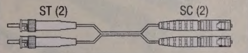
LC Connector (Lucent)

FC Connector

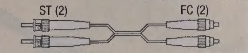
SFODST-XX • Dual ST Connectors



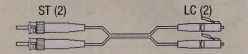
SFODST-SC-XX • Dual ST and Dual SC Connectors



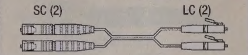
SFODST-FC-XX • Dual ST and Dual FC Connectors



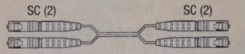
SFODST-LC-XX • Dual ST and Dual LC Connectors



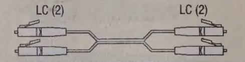
SFODSC-LC-XX • Dual SC and Dual LC Connectors



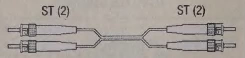
SFODSCA-XX • Dual SC Connectors



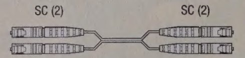
SFODLCA-XX • Dual LC Connectors



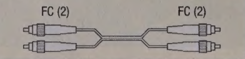
SFODZST-XX • Dual ST Connectors



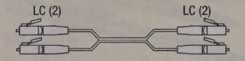
SFODZSC-XX • Dual SC Connectors



SFODZFC-XX • Dual FC Connectors



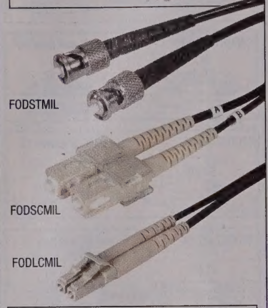
SFODZLC-XX • Dual LC Connectors



For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

You can have custom fiber cables in as little as 48 hours.
CALL 1-800-343-1455 NOW!

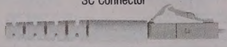
L-com Global Connectivity



Lightcrimp and UniCam connectors offer easy termination without polishing.

ST Connector

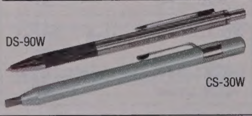
SC Connector



LC Connector (Lucent)

FC Connector

MT-RJ Connector



☑ RoHS IP66/67 Harsh Environment Multimode or Single mode Duplex LC Cable Assemblies

L-com's IP66/67 rated Duplex LC cable assemblies are perfect for Industrial networks and harsh environments where protection from moisture, chemicals, corrosive gases and liquids is essential. These rugged assemblies feature robust outdoor rated cable, which stands up to hostile environments. Each assembly is 100% functionally tested and is covered by a one year manufacturer warranty. Accessories sold separately include a bulkhead style adapter where one side is designed for standard LC fiber cable connection and the other will accept the industrial LC connector. Additionally, caps for both the connector and bulkhead adapter are available.

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODLC-IND-01	MM IP67 Fiber Cable, Dual LC / Dual LC, 1.0m	139.50	136.71	133.92	131.13	128.34
FODLC-IND-03	MM IP67 Fiber Cable, Dual LC / Dual LC, 3.0m	146.50	143.57	140.64	137.71	134.78
FODLC-IND-05	MM IP67 Fiber Cable, Dual LC / Dual LC, 5.0m	153.50	150.43	147.36	144.29	141.22
FODLC-IND-10	MM IP67 Fiber Cable, Dual LC / Dual LC, 10.0m	171.00	167.58	164.16	160.74	157.32
SFODLC-IND-01	SM IP67 Fiber Cable, Dual LC / Dual LC, 1.0m	153.50	150.43	147.36	144.29	141.22
SFODLC-IND-03	SM IP67 Fiber Cable, Dual LC / Dual LC, 3.0m	159.95	156.75	153.55	150.35	147.15
SFODLC-IND-05	SM IP67 Fiber Cable, Dual LC / Dual LC, 5.0m	166.50	163.17	159.84	156.51	153.18
SFODLC-IND-10	SM IP67 Fiber Cable, Dual LC / Dual LC, 10.0m	181.50	177.87	174.24	170.61	166.98
XLC-MM	MM IP67 Duplex LC Bulkhead Adapter	39.00	37.83	36.66	35.49	34.32
XLC-SM	SM IP67 Duplex LC Bulkhead Adapter	49.95	48.45	46.95	45.45	43.96
X-CAP	IP67 Duplex LC Cap with Chain for Bulkhead Receptacle	9.95	9.65	9.35	9.05	8.76
XPM-CAP2	IP67 Duplex LC Cap with Chain for Industrial Plugs	12.95	12.56	12.17	11.78	11.40

Military Grade 62.5/125 Fiber Optic Patch Cables

L-com's Military Grade fiber optic patch cables are built with specialized Military Tactical fiber cable that features impact and crush resistance characteristics which comply with Military requirements. Additionally, these robust assemblies are rated for operating temperatures of -55° to +85° Celsius. Three versions are available including Duplex ST, SC and LC styles. Our ST assemblies feature rust resistant stainless steel bodies and extra high force springs to ensure tight mating even when exposed to shock and vibration often encountered in the field under combat conditions.

ST to ST Duplex Military Grade Multimode Fiber Optic Cables, 62.5/125 with Polyurethane Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODSTMIL-01	MM Military Grade Fiber Cable, Dual ST / Dual ST, 1.0m	62.00	59.52	57.04	54.56	CALL
FODSTMIL-02	MM Military Grade Fiber Cable, Dual ST / Dual ST, 2.0m	67.00	64.32	61.64	58.96	CALL
FODSTMIL-03	MM Military Grade Fiber Cable, Dual ST / Dual ST, 3.0m	72.00	69.12	66.24	63.36	CALL
FODSTMIL-05	MM Military Grade Fiber Cable, Dual ST / Dual ST, 5.0m	82.00	78.72	75.44	72.16	CALL
FODSTMIL-10	MM Military Grade Fiber Cable, Dual ST / Dual ST, 10.0m	107.00	102.72	98.44	94.16	CALL

☑ RoHS SC to SC Duplex Military Grade Multimode Fiber Optic Cables, 62.5/125 with Polyurethane Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODSCMIL-01	MM Military Grade Fiber Cable, Dual SC / Dual SC, 1.0m	29.00	27.84	26.68	25.52	CALL
FODSCMIL-02	MM Military Grade Fiber Cable, Dual SC / Dual SC, 2.0m	34.00	32.64	31.28	29.92	CALL
FODSCMIL-03	MM Military Grade Fiber Cable, Dual SC / Dual SC, 3.0m	39.00	37.44	35.88	34.32	CALL
FODSCMIL-05	MM Military Grade Fiber Cable, Dual SC / Dual SC, 5.0m	49.00	47.04	45.08	43.12	CALL
FODSCMIL-10	MM Military Grade Fiber Cable, Dual SC / Dual SC, 10.0m	74.00	71.04	68.08	65.12	CALL

☑ RoHS LC to LC Duplex Military Grade Multimode Fiber Optic Cables, 62.5/125 with Polyurethane Jacket

Item #	Description	1-9	10-24	25-99	100-249	250-499
FODLCMIL-01	MM Military Grade Fiber Cable, Dual LC / Dual LC, 1.0m	39.00	37.44	35.88	34.32	CALL
FODLCMIL-02	MM Military Grade Fiber Cable, Dual LC / Dual LC, 2.0m	44.00	42.24	40.48	38.72	CALL
FODLCMIL-03	MM Military Grade Fiber Cable, Dual LC / Dual LC, 3.0m	49.00	47.04	45.08	43.12	CALL
FODLCMIL-05	MM Military Grade Fiber Cable, Dual LC / Dual LC, 5.0m	59.00	56.64	54.28	51.92	CALL
FODLCMIL-10	MM Military Grade Fiber Cable, Dual LC / Dual LC, 10.0m	84.00	80.64	77.28	73.92	CALL

Corning UniCam™ No Epoxy, No Polish Connectors - Fast and Easy Termination

The UniCam connector is the ideal solution for all your field-installation multimode or single mode fiber optic connector requirements. The zero polish quick installation reduces the total installed cost of connection, making the UniCam connector cost-effective for all fiber applications. UniCam connectors are available in common connector configurations. Installation kit includes everything necessary to get started terminating ST, SC, FC and MT-RJ UniCam connectors.

Item #	Description	1-9	10-24	25-99	100-249	250-499
FOC-9500050	Fiber Connector, UniCam ST Male, 62.5/125 Multimode	18.75	18.38	18.00	17.63	17.25
FOC-9505051	Fiber Connector, UniCam ST Male, 50/125 Multimode	19.25	18.86	18.48	18.09	17.71
FOC-9500040	Fiber Connector, UniCam SC Male, 62.5/125 Multimode	18.75	18.38	18.00	17.63	17.25
FOC-9505041	Fiber Connector, UniCam SC Male, 50/125 Multimode	18.75	18.38	18.00	17.63	17.25
FOC-9500099	Fiber Connector, UniCam LC Male, 62.5/125 Multimode	25.00	24.50	24.00	23.50	23.00
FOC-9505099	Fiber Connector, UniCam LC Male, 50/125 Multimode	25.00	24.50	24.00	23.50	23.00
FOC-9520051	Fiber Connector, UniCam ST SPC Male, Single mode	25.00	24.50	24.00	23.50	23.00
FOC-9520042	Fiber Connector, UniCam SC UPC Male, Single mode	26.50	25.97	25.44	24.91	24.38
FOC-9520099	Fiber Connector, UniCam LC UPC Male, Single mode	30.00	29.40	28.80	28.20	27.60
TKT-UNICAM	UniCam Tooling Kit for ST, SC, FC, MT-RJ, LC	799.00	783.02	767.04	751.06	735.08

Miller® Fiber Optic Scribes - Diamond and Carbide Tips

Two scribes are available for preparing fiber optic cable. The DS-90W is a professional tool utilizing a diamond tipped 90° wedge and retractable (pen-like) barrel. The CS-30W is an economical carbide tipped scribe for the more occasional user.

Item #	Description	1-9	10-24	25-99	100-249	250-499
DS-90W	Diamond Fiber Optic Scribe, 90° Wedge	95.00	93.10	91.20	89.30	87.40
CS-30W	Carbide Fiber Optic Scribe, 30° Wedge	32.00	31.36	30.72	30.08	29.44

Safety Glasses - A Must When Cutting or Scribing Fiber

Item #	Description	1-9	10-24	25-99	100-249	250-499
FOT-SG1	Safety Glasses	9.95	9.75	9.55	9.35	9.15

Fiber Optic Safety Kit - A Necessity When Terminating Fiber

The FS-9500 is a must for personal protection during fiber termination. Included in the kit is a black rollup work mat which holds polishing plate in place and helps identify fiber splinters and a pair of quality safety glasses. Also included are a fiber scrap trash can, 1 splinter removal tweezer and 10 bifurcated cleaning swipes.

Item #	Description	1-9	10-24	25-99	100-249	250-499
FS-9500	Fiber Safety Kit with Glasses	39.95	39.15	38.35	37.55	36.75

For other lengths and/or connector combinations please use our Product Configurator on our website L-com.com or contact our Sales or Customer Team. No minimum order requirements!

L-com® Global Connectivity

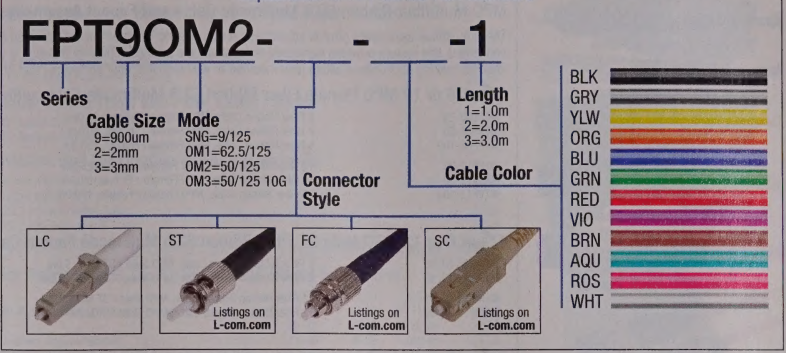
Custom design and manufacturing capabilities
Our product design process takes you from concept to production. L-com.com/Custom

Fiber Optic Pigtails

L-com's fiber optic pigtails provide a fast way to make factory terminations in the field. Factory terminated pigtails can easily be fusion or mechanically spliced to an existing fiber line. The jackets are available in all the standard colors and are sold individually rather than limiting you to pre-packaged quantities. All connectors utilize PC polish and all jackets are OFNR rated. Standard connectors include LC, SC, FC and ST. Standard lengths are 1.0, 2.0 and 3.0 meters. Standard jacket sizes include 900um, 2mm and 3mm. Please refer to **L-com.com** for complete part listing. Order online today!

- Available individually instead of pre-packaged quantities
- Connector options include LC, SC, FC, ST
- Common jacket sizes including 900um, 2mm, 3mm
- Up to 12 colors available (see **L-com.com** for all options)
- Available in single mode or multimode

Explanation of FPT Series Part Numbers



Single mode, 9/125 Fiber Optic Pigtails with 900um OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT9SNG-LC-__-1	9/125 Rated Single mode Fiber Optic Pigtail, 900um, 1.0m		4.29	3.95	3.60	3.26
FPT9SNG-LC-__-2	9/125 Rated Single mode Fiber Optic Pigtail, 900um, 2.0m		4.63	4.26	3.89	3.52
FPT9SNG-LC-__-3	9/125 Rated Single mode Fiber Optic Pigtail, 900um, 3.0m		4.97	4.57	4.17	3.78

OM1, 62.5/125 Fiber Optic Pigtails with 900um OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT9OM1-LC-__-1	62.5/125 Rated, OM1 Fiber Optic Pigtail, 900um, 1.0m		4.11	3.78	3.45	3.12
FPT9OM1-LC-__-2	62.5/125 Rated, OM1 Fiber Optic Pigtail, 900um, 2.0m		4.53	4.17	3.81	3.44
FPT9OM1-LC-__-3	62.5/125 Rated, OM1 Fiber Optic Pigtail, 900um, 3.0m		4.95	4.55	4.16	3.76

OM2, 50/125 Fiber Optic Pigtails with 900um OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT9OM2-LC-__-1	50/125 Rated, OM2 Fiber Optic Pigtail, 900um, 1.0m		4.11	3.78	3.45	3.12
FPT9OM2-LC-__-2	50/125 Rated, OM2 Fiber Optic Pigtail, 900um, 2.0m		4.53	4.17	3.81	3.44
FPT9OM2-LC-__-3	50/125 Rated, OM2 Fiber Optic Pigtail, 900um, 3.0m		4.95	4.55	4.16	3.76

OM3, 10 Gig rated 50/125 LC Fiber Optic Pigtails with 900um OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT9OM3-LC-ORG-1	50/125 10 Gig Rated, OM3 Fiber Optic Pigtail, 900um, 1.0m	Orange	4.47	4.11	3.75	3.40
FPT9OM3-LC-ORG-2	50/125 10 Gig Rated, OM3 Fiber Optic Pigtail, 900um, 2.0m	Orange	5.26	4.84	4.42	4.00
FPT9OM3-LC-ORG-3	50/125 10 Gig Rated, OM3 Fiber Optic Pigtail, 900um, 3.0m	Orange	6.05	5.57	5.08	4.60

Single mode, 9/125 Fiber Optic Pigtails with 2mm OFNR Jacket

Only available in the following colors: BLU, GRN, BRN, WHT, RED & YLW.

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT2SNG-LC-__-1	9/125 Rated, Single mode Fiber Optic Pigtail, 2mm, 1.0m		4.29	3.95	3.60	3.26
FPT2SNG-LC-__-2	9/125 Rated, Single mode Fiber Optic Pigtail, 2mm, 2.0m		4.63	4.26	3.89	3.52
FPT2SNG-LC-__-3	9/125 Rated, Single mode Fiber Optic Pigtail, 2mm, 3.0m		4.97	4.57	4.17	3.78

OM1, 62.5/125 Fiber Optic Pigtails with 2mm OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT2OM1-LC-ORG-1	62.5/125 Rated, OM1 Fiber Optic Pigtail, 2mm, 1.0m	Orange	4.16	3.83	3.49	3.16
FPT2OM1-LC-ORG-2	62.5/125 Rated, OM1 Fiber Optic Pigtail, 2mm, 2.0m	Orange	4.63	4.26	3.89	3.52
FPT2OM1-LC-ORG-3	62.5/125 Rated, OM1 Fiber Optic Pigtail, 2mm, 3.0m	Orange	5.11	4.70	4.29	3.88

OM2, 50/125 Fiber Optic Pigtails with 2mm OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT2OM2-LC-ORG-1	50/125 Rated, OM2 Fiber Optic Pigtail, 2mm, 1.0m	Orange	4.16	3.83	3.49	3.16
FPT2OM2-LC-ORG-2	50/125 Rated, OM2 Fiber Optic Pigtail, 2mm, 2.0m	Orange	4.63	4.26	3.89	3.52
FPT2OM2-LC-ORG-3	50/125 Rated, OM2 Fiber Optic Pigtail, 2mm, 3.0m	Orange	5.11	4.70	4.29	3.88

Single mode, 9/125 Fiber Optic Pigtails with 3mm OFNR Jacket

Only available in the following colors BLU, GRN, BRN, WHT, RED, & YLW.

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT3SNG-LC-__-1	9/125 Rated, Single mode Fiber Optic Pigtail, 3mm, 1.0m		4.29	3.95	3.60	3.26
FPT3SNG-LC-__-2	9/125 Rated, Single mode Fiber Optic Pigtail, 3mm, 2.0m		4.63	4.26	3.89	3.52
FPT3SNG-LC-__-3	9/125 Rated, Single mode Fiber Optic Pigtail, 3mm, 3.0m		4.97	4.57	4.17	3.78

OM1, 62.5/125 Fiber Optic Pigtails with 3mm OFNR Jacket

Only available in the following colors: BLU, ORG, GRN, RED & YLW.

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT3OM1-LC-__-1	62.5/125 Rated, OM1 Fiber Optic Pigtail, 3mm, 1.0m		4.16	3.83	3.49	3.16
FPT3OM1-LC-__-2	62.5/125 Rated, OM1 Fiber Optic Pigtail, 3mm, 2.0m		4.63	4.26	3.89	3.52
FPT3OM1-LC-__-3	62.5/125 Rated, OM1 Fiber Optic Pigtail, 3mm, 3.0m		5.11	4.70	4.29	3.88

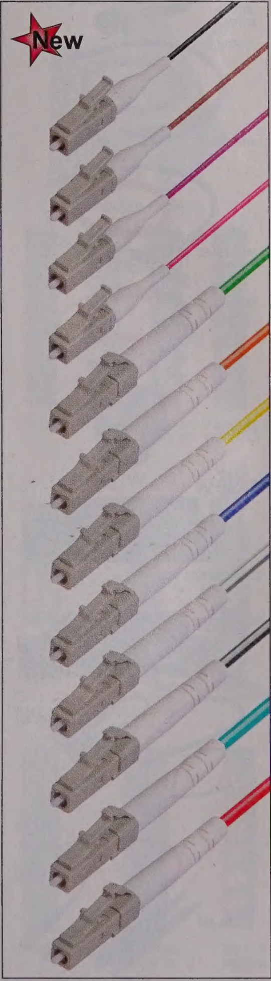
OM2, 50/125 Fiber Optic Pigtails with 3mm OFNR Jacket

Only available in the colors of ORG & GRY.

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT3OM2-LC-__-1	50/125 Rated, OM2 Fiber Optic Pigtail, 3mm, 1.0m		4.16	3.83	3.49	3.16
FPT3OM2-LC-__-2	50/125 Rated, OM2 Fiber Optic Pigtail, 3mm, 2.0m		4.63	4.26	3.89	3.52
FPT3OM2-LC-__-3	50/125 Rated, OM2 Fiber Optic Pigtail, 3mm, 3.0m		5.11	4.70	4.29	3.88

OM3, 50/125 10 Gig Fiber Optic Pigtails with 3mm OFNR Jacket

Item #	Description	Color	1-9	10-24	25-99	100-249
FPT3OM3-LC-AQU-1	50/125 10 Gig OM3 Fiber Optic Pigtail, 3mm, 1.0m	Aqua	4.55	4.19	3.82	3.46
FPT3OM3-LC-AQU-2	50/125 10 Gig OM3 Fiber Optic Pigtail, 3mm, 2.0m	Aqua	5.42	4.99	4.55	4.12
FPT3OM3-LC-AQU-3	50/125 10 Gig OM3 Fiber Optic Pigtail, 3mm, 3.0m	Aqua	6.29	5.79	5.28	4.78



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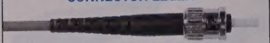
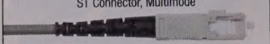
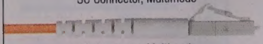
CONNECTOR LEGEND

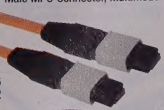

ST Connector, Multimode


SC Connector, Multimode


LC Connector, Multimode

Female MPO Connector, Multimode

Male MPO Connector, Multimode


MTPF06
MTPF12

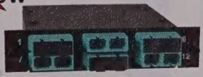
MTPM06-ST

MTPM06-SC

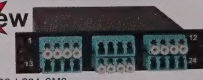
MTPM12-LC

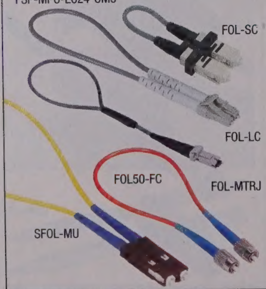
FOA-012

New


FSP-MPO-SC12-OM3

New


FSP-MPO-LC24-OM3



MPO Multifiber Ribbon 62.5 Multimode Cable and Fanout Assemblies

These multifiber assemblies provide advantages in size offering 12 times the density when compared to the same size SC connector. Factory terminated and tested, this system provides significant installation time savings. A push-pull design is utilized for easy mating and removal. Fanout assemblies are ideal for making connections within rack mounted or wall mounted fiber enclosures that utilize single fiber connectors.

☑RoHS 6 or 12 MPO Female Fiber Ribbon 62.5 Multimode Cable with OFNR Jacket

Item #	Description	List Price
MTPF06-25	6 Fiber Ribbon Cable, MPO Female / Female, 25.0m	129.00
MTPF06-50	6 Fiber Ribbon Cable, MPO Female / Female, 50.0m	199.00
MTPF06-100	6 Fiber Ribbon Cable, MPO Female / Female, 100.0m	349.00
MTPF12-25	12 Fiber Ribbon Cable, MPO Female / Female, 25.0m	159.00
MTPF12-50	12 Fiber Ribbon Cable, MPO Female / Female, 50.0m	249.00
MTPF12-100	12 Fiber Ribbon Cable, MPO Female / Female, 100.0m	429.00

☑RoHS 6 or 12 MPO Male ST Fiber Ribbon 62.5 Multimode Fanout Cable with OFNR Jacket

Item #	Description	List Price
MTPM06-ST-05	6 Fiber Ribbon Fanout Cable, MPO Male / ST Male, 5.0m	75.00
MTPM06-ST-10	6 Fiber Ribbon Fanout Cable, MPO Male / ST Male, 10.0m	89.00
MTPM12-ST-05	12 Fiber Ribbon Fanout Cable, MPO Male / ST Male, 5.0m	110.00
MTPM12-ST-10	12 Fiber Ribbon Fanout Cable, MPO Male / ST Male, 10.0m	129.00

☑RoHS 6 or 12 MPO Male SC Fiber Ribbon 62.5 Multimode Fanout Cable with OFNR Jacket

Item #	Description	List Price
MTPM06-SC-05	6 Fiber Ribbon Fanout Cable, MPO Male / SC Male, 5.0m	75.00
MTPM06-SC-10	6 Fiber Ribbon Fanout Cable, MPO Male / SC Male, 10.0m	89.00
MTPM12-SC-05	12 Fiber Ribbon Fanout Cable, MPO Male / SC Male, 5.0m	110.00
MTPM12-SC-10	12 Fiber Ribbon Fanout Cable, MPO Male / SC Male, 10.0m	129.00

☑RoHS 6 or 12 MPO Male LC Fiber Ribbon 62.5 Multimode Fanout Cable with OFNR Jacket

Item #	Description	List Price
MTPM06-LC-01	6 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 1.0m	75.00
MTPM06-LC-05	6 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 5.0m	86.00
MTPM06-LC-10	6 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 10.0m	100.00
MTPM12-LC-01	12 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 1.0m	110.00
MTPM12-LC-05	12 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 5.0m	125.00
MTPM12-LC-10	12 Fiber Ribbon Fanout Cable, MPO Male / LC Male, 10.0m	144.00

☑RoHS Coupler for MPO Connectors - Mates Two MPOs

Note: Use of this coupler requires one of the two mating connectors to have alignment pins.

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
FOA-012	Coupler for 4, 6, 8 or 12 Port Ferrule MPO Connectors		18.95	18.19	17.43	16.11	14.21

☑RoHS MPO Cassettes

Item #	Description	Color	1-9	10-24	25-99	100-249	250-499
FSP-MPO-SC12-OM1	MPO Cassette 1-MPO-M/ 12 SC OM1	Beige	274.98	263.98	252.98	241.98	230.98
FSP-MPO-SC12-OM2	MPO Cassette 1-MPO-M/ 12 SC OM2	Beige	274.98	263.98	252.98	241.98	230.98
FSP-MPO-SC12-OM3	MPO Cassette 1-MPO-M/ 12 SC OM3	Aqua	284.98	273.58	262.18	250.78	239.38
FSP-MPO-SC12-OS1	MPO Cassette 1-MPO-M/ 12 SC OS1	Blue	294.98	283.18	271.38	259.58	247.78
FSP-MPO-LC24-OM1	MPO Cassette 2-MPO-M/ 24 LC OM1	Beige	497.98	478.06	458.14	438.22	418.30
FSP-MPO-LC24-OM2	MPO Cassette 1-MPO-M/ 24 LC OM2	Beige	497.98	478.06	458.14	438.22	418.30
FSP-MPO-LC24-OM3	MPO Cassette 2-MPO-M/ 24 LC OM3	Aqua	514.98	494.38	473.78	453.18	432.58
FSP-MPO-LC24-OS1	MPO Cassette 2-MPO-M/ 24 LC OS1	Blue	529.98	508.78	487.58	466.38	445.18

☑RoHS Multimode (62.5/125) Loopbacks - Utilizing SC, LC, FC and MT-RJ Connectors

These handy assemblies are useful in a number of test applications. A generous yet manageable fiber loop virtually eliminates bend loss. FC Loopbacks do not contain a clip. Custom configurations will be considered in modest minimums. Please contact our sales representatives for assistance.

Item #	Description	List Price
FOL-SC	Fiber Loopback, SC, 62.5/125	12.95
FOL-LC	Fiber Loopback, LC, 62.5/125	14.95
FOL-FC	Fiber Loopback, FC, 62.5/125	12.95
FOL-MTRJ	Fiber Loopback, MT-RJ, 62.5/125	12.95
FOL-MTRJ-NP	Fiber Loopback, MT-RJ, 62.5/125, No Pins	11.95

☑RoHS Multimode (50/125) Loopbacks - Utilizing SC, LC, FC and MT-RJ Connectors

Item #	Description	List Price
FOL50-SC	Fiber Loopback, SC, 50/125	12.95
FOL50-LC	Fiber Loopback, LC, 50/125	14.95
FOL50-FC	Fiber Loopback, FC, 50/125	12.95
FOL50-MTRJ	Fiber Loopback, MT-RJ, 50/125	12.95
FOL50-MTRJ-NP	Fiber Loopback, MT-RJ, 50/125, No Pins	11.95

☑RoHS Single mode (9/125) Loopbacks - Utilizing FC, MU, LC and MT-RJ Connectors

Item #	Description	List Price
SFOL-FC	Fiber Loopback, FC, 9/125	13.95
SFOL-MU	Fiber Loopback, MU, 9/125	29.00
SFOL-LC	Fiber Loopback, LC, 9/125	18.95
SFOL-MTRJ	Fiber Loopback, MT-RJ, 9/125	13.95
SFOL-MTRJ-NP	Fiber Loopback, MT-RJ, 9/125, No Pins	12.95

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RoHS 19 inch (48.3cm) Rack Mounted Fiber Enclosures - For Splice Trays and Fiber Patch Panels

Item #	Description	List Price
FE-RM1U12PSP	Fiber Enclosure Rack Mount, 1U, with 3 FSP Series Sub-Panel Openings	179.98
FE-RM2U24PSP	Fiber Enclosure Rack Mount, 2U, with 4 FSP Series Sub-Panel Openings	204.98
FE-RM3U48PSP	Fiber Enclosure Rack Mount, 3U, with 8 FSP Series Sub-Panel Openings	229.98
FE-RM4U72PSP	Fiber Enclosure Rack Mount 4U, with 12 FSP Series Sub-Panel Openings	244.98

RoHS Wall Mounted Fiber Enclosures - To Mount Splice Trays and Fiber Patch Panels

Item #	Description	List Price
FE-WM12PP	Fiber Enclosure Wall Mount, with 2 FSP Series Sub-Panel Openings	81.98
FE-WM24PP	Fiber Enclosure Wall Mount, with 4 FSP Series Sub-Panel Openings	82.98

RoHS Splice Trays for Fiber Splices - Terminations and Distribution in Fiber Enclosures

Item #	Description	List Price
FE-ST7MC	Fiber Enclosure Splice Tray, 7 in (17.8 cm) with Metal Cover	19.99
FE-ST7PC	Fiber Enclosure Splice Tray, 7 in (17.8 cm) with Lexan® Cover	15.99
FE-ST875MC	Fiber Enclosure Splice Tray, 8.75 in (22.2 cm) with Metal Cover	26.99
FE-ST875PC	Fiber Enclosure Splice Tray, 8.75 in (22.2 cm) with Lexan® Cover	22.99

RoHS Sub-Panels used to Populate FSP Series Patch Panels, FE & FSP DIN Rail Mount Enclosures

Item #	Description	1-9	10-24	25-99	100-249
FSP-BNK	Blank Sub-Panel	11.98	11.50	11.02	10.54
FSP-SCMTLC-BNK	Blank Sub-Panel with 6 SC Simplex/MT-RJ/LC Duplex Openings	11.98	11.50	11.02	10.54
FSP-MTRJ	Fiber Sub-Panel, 6 MT-RJ Couplers	35.98	33.10	30.22	27.34
FSP-SC-APC	Fiber Sub-Panel, 6 APC SC Simplex Couplers, Ceramic Sleeve	71.98	66.22	60.46	54.70
FSP-LCD6-BR	Fiber Sub-Panel, 6 LC Duplex Couplers, Bronze Sleeve	39.98	36.78	33.58	30.38
FSP-LCD6-CR	Fiber Sub-Panel, 6 LC Duplex Couplers, Ceramic Sleeve	51.98	47.82	43.66	39.50
FSP-SC-BR	Fiber Sub-Panel, 6 SC Simplex Couplers, Bronze Sleeve	35.98	33.10	30.22	27.34
FSP-SC-CR	Fiber Sub-Panel, 6 SC Simplex Couplers, Ceramic Sleeve	44.98	41.38	37.78	34.18
FSP-STFC-BNK	Blank Sub-Panel with 6 ST/FC Simplex Openings	11.98	11.50	11.02	10.54
FSP-FC-APC	Fiber Sub-Panel, 6 APC FC Simplex Couplers, Ceramic Sleeve	101.98	93.82	85.66	77.50
FSP-FC-BR	Fiber Sub-Panel, 6 FC Couplers, Bronze Sleeve	53.98	49.66	45.34	41.02
FSP-FC-CR	Fiber Sub-Panel, 6 FC Couplers, Ceramic Sleeve	68.98	63.46	57.94	52.42
FSP-ST-BR	Fiber Sub-Panel, 6 ST Couplers, Bronze Sleeve	32.98	30.34	27.70	25.06
FSP-ST-CR	Fiber Sub-Panel, 6 ST Couplers, Ceramic Sleeve	47.98	44.14	40.30	36.46
FSP-SCDLCQ6-BNK	Blank Sub-Panel with 6 SC Duplex/LC Quad Openings	14.98	14.38	13.78	13.18
FSP-LCQ6-BR	Fiber Sub-Panel, 6 LC Duplex Couplers, Bronze Sleeve	110.68	101.83	92.97	84.12
FSP-LCQ6-CR	Fiber Sub-Panel, 6 LC Duplex Couplers, Ceramic Sleeve	134.68	123.91	113.13	102.36
FSP-SCD6-APC	Fiber Sub-Panel, 6 SC Duplex Couplers, Ceramic Sleeve	125.98	115.90	105.82	95.74
FSP-SCD6-BR	Fiber Sub-Panel, 6 SC Duplex Couplers, Bronze Sleeve	47.98	44.14	40.30	36.46
FSP-SCD6-CR	Fiber Sub-Panel, 6 SC Duplex Couplers, Ceramic Sleeve	62.98	57.94	52.90	47.86

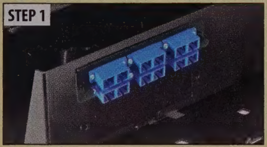
RoHS Fiber Sub-Panel with 6 LC Keyed Multimode Couplers

Item #	Description	1-9	10-24	25-99	100-249
FSP-LCK-MM-PNK	Fiber Panel, 6 LC Keyed Multimode, Pink	99.98	95.98	91.98	87.98
FSP-LCK-MM-WHT	Fiber Panel, 6 LC Keyed Multimode, White	99.98	95.98	91.98	87.98
FSP-LCK-MM-YLW	Fiber Panel, 6 LC Keyed Multimode, Yellow	99.98	95.98	91.98	87.98
FSP-LCK-MM-RED	Fiber Panel, 6 LC Keyed Multimode, Red	99.98	95.98	91.98	87.98
FSP-LCK-MM-ORG	Fiber Panel, 6 LC Keyed Multimode, Orange	99.98	95.98	91.98	87.98
FSP-LCK-MM-VLT	Fiber Panel, 6 LC Keyed Multimode, Violet	99.98	95.98	91.98	87.98
FSP-LCK-MM-GRY	Fiber Panel, 6 LC Keyed Multimode, Gray	99.98	95.98	91.98	87.98
FSP-LCK-MM-CBT	Fiber Panel, 6 LC Keyed Multimode, Cobalt	99.98	95.98	91.98	87.98
FSP-LCK-MM-BRN	Fiber Panel, 6 LC Keyed Multimode, Brown	99.98	95.98	91.98	87.98
FSP-LCK-MM-TRQ	Fiber Panel, 6 LC Keyed Multimode, Turquoise	99.98	95.98	91.98	87.98
FSP-LCK-MM-MAG	Fiber Panel, 6 LC Keyed Multimode, Magenta	99.98	95.98	91.98	87.98
FSP-LCK-MM-OLV	Fiber Panel, 6 LC Keyed Multimode, Olive	99.98	95.98	91.98	87.98

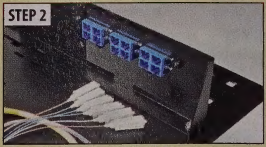
RoHS Plunger and Grommet Kit for FSP Series Sub-Panels - Pkg/50

Item #	Description	List Price
FSP-FASTENERS	Plunger and Grommet Kit for FSP Series Sub-Panels, Pkg/50	24.98

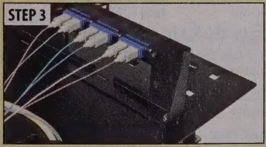
Tip Fiber enclosures secure sub-panels and cables



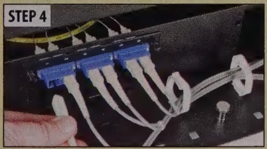
Install snap-in sub-panel with couplers.



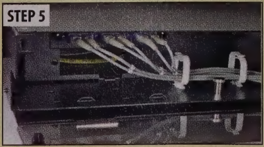
Prepare distribution cable for installation on rear of panel by sliding tray out of case, either from the front or rear.



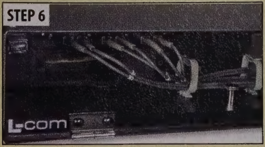
Attach feed cables to couplers on rear of panel.



Route and attach patching jumpers to couplers on front of panel.

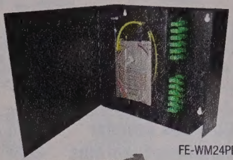


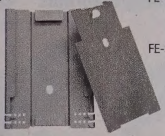
Slide tray back into case.



Close cover on unit.

FE-RM1U12PSP


FE-WM24PP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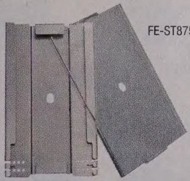
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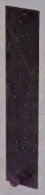
Fiber Sub-Panels


FSP-BNK

FSP-MTRJ

FSP-SC-BR
FSP-SC-CR

FSP-FC-BR
FSP-FC-CR

New

FSP-SCDLCQ6-BNK

FSP-SCD6-BR
FSP-SCD6-CR

FSP-SCD6-APC

New

FSP-LCD6-CR

FSP-LCQ6-BR
FSP-LCQ6-CR

FSP-LCK-MM-PNK

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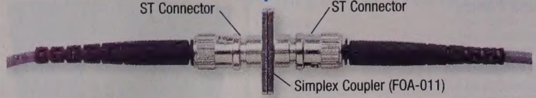
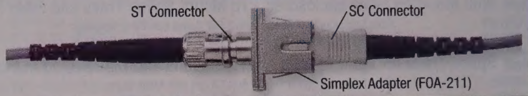
Fiber Optic Couplers and Adapters

These devices are used to join together individual connectorized fiber assemblies. They are often used in a patch panel and are mounted on sub-panels. If the two fiber assemblies to be connected have the same style fiber connectors (ST to ST, SC to SC, etc.) then the connecting device is called a coupler. If the two fiber assemblies to be connected have different style connectors then the connecting device is called an adapter.

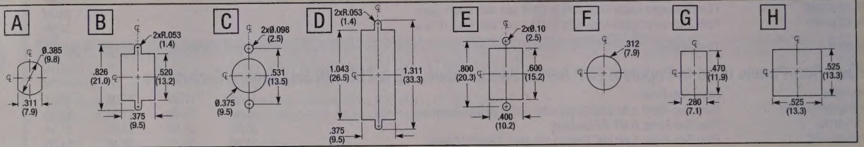
Coupler



Adapter



Common Adapter Mounting Diagrams



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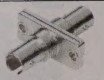
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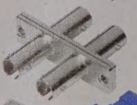
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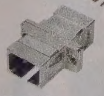
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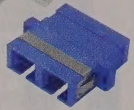

FOA-005(A)

FOA-003(A)

FOA-013(A)

FOA-033(A)

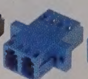
Best Seller

FOA-004

FOA-500A

FOA-550A

FOA-801

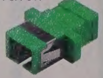

FOA-802

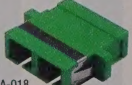
FOA-803

FOA-560
FOA-570

FOA-600

FOA-012


FOA-017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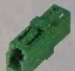
FOA-019


FOA-804

FOA-805

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
☑ **RoHS ST to ST Simplex Fiber Optic Couplers**									
FOA-001	Simplex ST Fiber Coupler	Metal	Bronze	A	3.00	2.88	2.76	2.55	2.25
FOA-001A	Simplex ST Fiber Coupler	Metal	Ceramic	A	5.00	4.80	4.60	4.25	3.75
FOA-011	Simplex ST Fiber Coupler	Metal	Bronze	B	3.00	2.88	2.76	2.55	2.25
FOA-011A	Simplex ST Fiber Coupler	Metal	Ceramic	B	5.00	4.80	4.60	4.25	3.75
☑ **RoHS ST to ST Duplex Fiber Optic Couplers**									
FOA-401	Duplex ST Fiber Coupler	Metal	Bronze	D	5.00	4.80	4.60	4.25	3.75
FOA-401A	Duplex ST Fiber Coupler	Metal	Ceramic	D	10.00	9.60	9.20	8.50	7.50
☑ **RoHS SC to SC Simplex Fiber Optic Couplers**									
FOA-002	Simplex SC Fiber Coupler	Plastic	Bronze	B	4.00	3.84	3.68	3.40	3.00
FOA-002A	Simplex SC Fiber Coupler	Plastic	Ceramic	B	5.50	5.28	5.06	4.67	4.13
FOA-002M	Simplex SC Fiber Coupler	Metal	Bronze	B	5.00	4.80	4.60	4.25	3.75
FOA-002MA	Simplex SC Fiber Coupler	Metal	Ceramic	B	7.50	7.20	6.90	6.38	5.63
☑ **RoHS SC to SC Duplex Fiber Optic Couplers**									
FOA-005	Duplex SC Fiber Coupler	Plastic	Bronze	D	5.50	5.28	5.06	4.67	4.13
FOA-005A	Duplex SC Fiber Coupler	Plastic	Ceramic	D	8.00	7.68	7.36	6.80	6.00
FOA-005M	Duplex SC Fiber Coupler	Metal	Bronze	D	8.00	7.68	7.36	6.80	6.00
FOA-005MA	Duplex SC Fiber Coupler	Metal	Ceramic	D	10.00	9.60	9.20	8.50	7.50
☑ **RoHS FC to FC Simplex Fiber Optic Couplers**									
FOA-003	Simplex FC Fiber Coupler	Metal	Bronze	C	6.50	6.24	5.98	5.52	4.88
FOA-003A	Simplex FC Fiber Coupler	Metal	Ceramic	C	9.50	9.12	8.74	8.07	7.13
FOA-013	Simplex FC Fiber Coupler	Metal	Bronze	B	6.50	6.24	5.98	5.52	4.88
FOA-013A	Simplex FC Fiber Coupler	Metal	Ceramic	B	9.50	9.12	8.74	8.07	7.13
FOA-033	Simplex FC Fiber Coupler	Metal	Bronze	A	6.50	6.24	5.98	5.52	4.88
FOA-033A	Simplex FC Fiber Coupler	Metal	Ceramic	A	9.50	9.12	8.74	8.07	7.13
☑ **RoHS SMA to SMA Fiber Optic Coupler**									
FOA-004	SMA Fiber Coupler	Metal	None	F	24.95	23.45	21.96	20.46	18.96
☑ **RoHS LC to LC Simplex/Duplex Fiber Optic Couplers**									
FOA-500A	Simplex LC Fiber Coupler	Plastic	Ceramic	G	9.95	9.55	9.15	8.46	7.46
FOA-550A	Duplex LC Fiber Coupler	Plastic	Ceramic	H	13.75	13.20	12.65	11.69	10.31
FOA-801	Duplex LC Fiber Coupler	Plastic	Ceramic	B	12.95	12.69	12.43	12.17	11.91
FOA-802	Duplex LC Fiber Coupler	Plastic	Bronze	B	5.95	5.83	5.71	5.59	5.47
FOA-803	Duplex LC Fiber Coupler	Plastic	Bronze	H	3.95	3.87	3.79	3.71	3.63
☑ **RoHS LC to LC Quad Fiber Optic Couplers**									
FOA-560	Quad LC Fiber Coupler	Plastic	Bronze	D	15.95	15.31	14.67	13.56	11.96
FOA-570	Quad LC Fiber Coupler	Plastic	Ceramic	D	19.95	19.15	18.35	16.96	14.96
☑ **RoHS MT-RJ to MT-RJ Fiber Optic Coupler**									
Use of this coupler requires one of the two mating MT-RJ connectors to contain alignment pins.									
FOA-600	MT-RJ Fiber Coupler	Plastic	None	B	4.00	3.84	3.68	3.40	3.00
☑ **RoHS MPO to MPO Fiber Optic Coupler**									
FOA-012	MPO Fiber Coupler	Plastic	None	E	18.95	18.19	17.43	16.11	14.21

Fiber Optic APC Simplex and Duplex Couplers

In order to achieve low back reflection values some fiber assemblies utilize a connector with an Angled Polish Contact (APC). These APC connectors require special couplers that have tight tolerance alignment slots to assure proper orientation of the mated APC connectors. The APC couplers are specifically designed for this application.

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
☑ **RoHS SC to SC Simplex/Duplex APC Fiber Optic Couplers**									
FOA-017	Simplex SC APC Coupler	Plastic	Ceramic	B	10.00	9.60	9.20	8.50	7.50
FOA-018	Duplex SC APC Coupler	Plastic	Ceramic	D	18.50	17.76	17.02	15.72	13.88
☑ **RoHS FC to FC Simplex APC Fiber Optic Coupler**									
FOA-019	Simplex FC APC Coupler	Metal	Ceramic	A	15.00	14.40	13.80	12.75	11.25
☑ **RoHS LC to LC Simplex/Duplex APC Fiber Optic Couplers, No Flange**									
FOA-804	Simplex LC APC Coupler	Plastic	Ceramic	G	13.95	13.39	12.83	11.86	10.46
FOA-805	Duplex LC APC Coupler	Plastic	Ceramic	H	14.95	14.35	13.75	12.71	11.21

L-com® Global Connectivity

What is the difference between a fiber optic coupler and adapter?
A coupler typically connects like connectors (i.e. SC to SC), while adapters connect different connectors (i.e. SC to FC).

Fiber Optic Simplex/Duplex Adapters

These fiber optic adapters are offered in both simplex and duplex configurations and in some cases with both plastic and metal bodies. Alignment sleeves of both bronze and ceramic are offered in most cases.

✓RoHS ST to SC Simplex Fiber Optic Adapters

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-201	Simplex ST-SC Fiber Adapter	Metal	Bronze	C	8.00	7.68	7.36	6.80	6.00
FOA-211	Simplex ST-SC Fiber Adapter	Metal	Bronze	B	5.00	4.80	4.60	4.25	3.75
FOA-211A	Simplex ST-SC Fiber Adapter	Metal	Ceramic	B	9.50	9.12	8.74	8.07	7.13

✓RoHS ST to SC Duplex Fiber Optic Adapters

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-006	Duplex ST-SC Fiber Adapter	Plastic	Ceramic	D	10.50	10.08	9.66	8.92	7.88
FOA-006M	Duplex ST-SC Fiber Adapter	Metal	Bronze	D	10.50	10.08	9.66	8.92	7.88
FOA-006MA	Duplex ST-SC Fiber Adapter	Metal	Ceramic	D	14.50	13.92	13.34	12.32	10.88

✓RoHS ST to FC Simplex Fiber Optic Adapters

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-301	Simplex ST-FC Fiber Adapter	Metal	Bronze	C	9.25	8.88	8.51	7.86	6.94
FOA-311	Simplex ST-FC Fiber Adapter	Metal	Bronze	B	3.50	3.36	3.22	2.98	2.63
FOA-311A	Simplex ST-FC Fiber Adapter	Metal	Ceramic	B	10.50	10.08	9.66	8.92	7.88

✓RoHS SC to FC Simplex Fiber Optic Adapter

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-302	Simplex SC-FC Fiber Adapter	Metal	Bronze	C	9.25	8.88	8.51	7.86	6.94

✓RoHS LC to SC Simplex Fiber Optic Adapters

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-014	Simplex LC-SC Fiber Adapter	Plastic	Ceramic	B	42.00	41.16	40.32	39.48	38.64
FOA-020	Simplex LC-SC Fiber Adapter	Plastic	Bronze	B	32.00	31.36	30.72	30.08	29.44

Fiber Optic Bulkhead Coupler Kit - Great for Tool Kits

The FOA-123 Fiber Optic Bulkhead Coupler Kit comes complete with two ST-ST couplers (FOA-001), two SC-SC couplers (FOA-002), one FC-FC coupler (FOA-003) and a handy four compartment carrying case.

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-123	Fiber Optic Bulkhead Coupler Kit				19.99	19.59	19.19	18.79	18.39

Fiber Optic Adapter Kit - Versatile and Handy

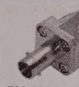
This kit contains commonly used fiber adapters in a convenient four compartment carrying case for easy storage. All fiber adapters are simplex and utilize a bronze alignment sleeve. This allows adapting between all the popular interfaces such as ST, SC and FC. Fiber adapter part numbers included in the kit are FOA-201 (ST-SC), FOA-301 (ST-FC) and FOA-302 (SC-FC).

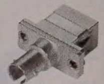
Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-231	Fiber Optic Adapter Kit				49.99	48.99	47.99	46.99	45.99

Fiber Optic Coupler/Adapter Kit - Complete Flexibility

This kit contains one each of all the fiber couplers in FOA-123 and fiber adapters in FOA-231 plus FOA-004 (SMA-SMA), FOA-500A (LC-LC), FOA-701 (MU-MU), FOA-600 (MT-RJ-MT-RJ) and FOA-012 (MPO-MPO). This is the most complete kit of fiber adapters and couplers we offer allowing connections between all like interfaces and adapting from one style interface to another.

Item #	Description	Body	Sleeve	Mtg. Code	1-9	10-24	25-99	100-249	250-499
FOA-321	Fiber Optic Coupler / Adapter Kit				89.00	87.22	85.44	83.66	81.88


FOA-201


FOA-211(A)

FOA-006

FOA-006M(A)

FOA-301

FOA-311(A)

FOA-302

FOA-014

FOA-020

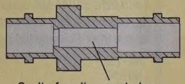
FOA-123

FOA-231

FOA-321

Tip What are alignment sleeves?

The alignment sleeve is the most critical component of a fiber optic adapter. Bronze sleeves are more durable but the precision is not as good as ceramic. Ceramic ferrules offer a more precise alignment, but they are somewhat less durable. Bronze alignment sleeves are commonly used in multimode applications where precision alignment is not as critical.


Cavity for alignment sleeve

CERAMIC	BRONZE
•Better alignment •More expensive	•Better durability •Less expensive

Fiber Optic Coupler/Adapter Selection Matrix

Use this matrix to locate the fiber optic coupler or adapter with the desired interface combination and with the appropriate body and alignment sleeve material.

If a specific type is not listed, please visit our web site at **L-com.com** for the latest information or call our technical support group at **800-343-1455** for assistance.

		SIMPLEX						DUPLEX				QUAD	
	BODY MATERIAL	METAL	METAL	METAL	PLASTIC	PLASTIC	PLASTIC	METAL	METAL	PLASTIC	PLASTIC	PLASTIC	PLASTIC
	ALIGNMENT SLEEVE MATERIAL	BRONZE	CERAMIC	NONE	BRONZE	CERAMIC	NONE	BRONZE	CERAMIC	BRONZE	CERAMIC	BRONZE	CERAMIC
COUPLERS	ST to ST	FOA-001 FOA-011	FOA-001A FOA-011A					FOA-401	FOA-401A				
	SC to SC	FOA-002M	FOA-002MA		FOA-002	FOA-002A FOA-017 (APC)		FOA-005M	FOA-005MA	FOA-005	FOA-005A FOA-018 (APC)		
	FC to FC	FOA-003 FOA-013 FOA-033	FOA-003A FOA-013A FOA-033A FOA-019 (APC)										
	SMA906 to SMA906			FOA-004									
	LC to LC					FOA-500A FOA-804 (APC)				FOA-802 FOA-803	FOA-550A FOA-805 (APC) FOA-801	FOA-560	FOA-570
	MT-RJ to MT-RJ						FOA-600						
	MPO to MPO						FOA-012						
ADAPTERS	ST to SC	FOA-201 FOA-211	FOA-211A					FOA-006M	FOA-006MA		FOA-006		
	ST to FC	FOA-301 FOA-311	FOA-311A										
	SC to FC	FOA-302											
	SC to LC				FOA-020	FOA-014							

We want to help you!
See a complete list of free tips, tutorials and videos at L-com.com/Resources

L-com Global Connectivity

FJS-3

86-12SF

NN-152

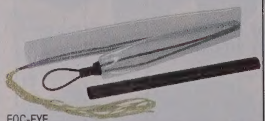
CFS-2

CC-125

FOC-CA

FOC-AP

FOC-KN


FOC-EYE

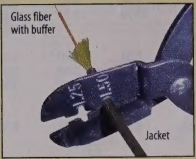
FOC-SC

Miller® Fiber Optic Termination Tools - Highest Quality at Affordable Prices

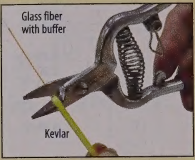
L-com is pleased to distribute Miller® fiber optic tools. We chose Miller for their reputation in the industry for high quality tools that are affordable. All tools are made in the U.S.A. and are fully guaranteed against defects in workmanship or material.

Tip ***How to use fiber optic termination tools***

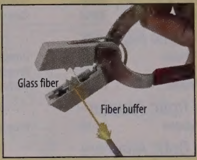
There are a number of commonly used tools that are utilized to terminate a fiber optic cable with a connector. Below are illustrations of how each of these tools is used.



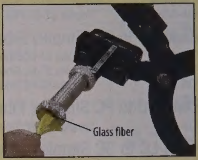
The fiber optic jacket stripper (FJS-3) is used to remove the fiber optic cable outer jacket.



The Kevlar shears (86-12SF) are used to trim back the Kevlar strength member commonly found in breakout fiber cable.



The fiber optic stripper strips the buffer coating that protects the fiber. A number of strippers are available for various fiber sizes.



The fiber optic cleaver (CC-125) is used to trim the glass fiber accurately. A cleanly cleaved fiber is essential for optimum performance.

Miller® Fiber Optic Jacket Stripper

The Miller Fiber jacket stripper and cutter was designed to strip and cut 26-16 AWG (.40-1.3mm) wire sizes. This economical and easy to use tool is a must for fiber installers.

Item #	Description	1-9	10-24	25-99	100-249
FJS-3	Fiber Optic Jacket Stripper	9.95	CALL	CALL	CALL

Miller® High Leverage Kevlar® Shears - Cut Teflon Easily

With a non-slip serrated blade, this tool provides the solution for trimming back the DuPont Kevlar® that serves as the central strength member in optical fiber. The tool is made of hot-forged, high carbon steel for long life. It has a quick action spring response so the tool is ready when you are. Its high leverage provides a powerful cutting action.

Item #	Description	1-9	10-24	25-99	100-249
86-12SF	Kevlar Shears with Cushioned Grip	20.00	19.60	19.20	18.80

Miller® No-Nik Fiber Optic Strippers - Strips Buffer Coating

No-Nik fiber optic strippers meet the most stringent specifications. When used properly, they are 100% reliable! Plastic heads, which make contact only with the buffer, center and support your work on both sides. Cutting blades made from razor quality steel score the buffer completely. Back-up blades support the cutting blades, nest positively and lock up when the tool is closed to maintain perfect concentricity. Buffer being removed acts as guide and protection for the fiber. Color-coded handles ensure proper tool selection, quickly and easily. **Note:** The NN-203 is the most popular choice for 125 micron fiber.

Item #	Description	1-9	10-24	25-99	100-249
NN-152	No-Nik Stripper, 152 µm Min. Dia. Strip (Gold)	34.95	34.25	33.55	32.85
NN-175	No-Nik Stripper, 175 µm Min. Dia. Strip (Mustard)	34.95	34.25	33.55	32.85
NN-203	No-Nik Stripper, 203 µm Min. Dia. Strip (Red)	34.95	34.25	33.55	32.85
NN-254	No-Nik Stripper, 254 µm Min. Dia. Strip (Lt. Blue)	34.95	34.25	33.55	32.85
NN-305	No-Nik Stripper, 305 µm Min. Dia. Strip (White)	34.95	34.25	33.55	32.85

Miller® Comfort Fit Fiber Optic Stripper - Cuts Jacket Plus Strips Buffer Coating

This tool has a 1.0mm radiused blade and a 140µm V blade specifically designed for stripping jacket and buffer from 125 micron fiber. Ergonomically designed handle reduces user fatigue.

Item #	Description	1-9	10-24	25-99	100-249
CFS-2	Comfort Fit Fiber Optic Stripper	28.00	27.44	26.88	26.32

Miller® Fiber Optic Safety Cleaver - Holds Cleaved Fiber for Disposal

The CC-125 is a professional tool that cleaves fiber consistently and accurately. It accommodates glass fibers with 125µm nominal cladding diameters. An additional safety feature is that cleaved fiber splinters are stored within the tool for proper disposal. Carbide blade is conservatively rated at 1000 uses.

Item #	Description	1-9	10-24	25-99	100-249
CC-125	Fiber Optic Safety Cleaver	225.00	220.50	216.00	211.50

Fiber Optic Consumables - Commonly Used Fiber Optic Cleaning Components

Cleaning fiber optic connections is crucial for proper optical transmission. Compressed air is great for cleaning couplers and connector ends. Kimwipes are lint free tissues, commonly used for cleaning glass surfaces.

Item #	Description	1-9	10-24	25-99	100-249
FOC-CA	Compressed Air, 12 oz. Can	9.95	9.35	8.76	8.16
FOC-KN	4.5" x 8.5" (11.4cm x 21.6cm) Box Kimwipes, 280 Count	4.95	4.85	4.75	4.65
FOC-AP	Pre-moistened Alcohol Pads, 20 Count	9.95	9.75	9.55	9.35

Fiber Optic Pulling Eye for Duplex Cable Assemblies

A pulling eye is used to protect the terminated end of fiber cable assemblies when pulling through walls or ceilings. 16" long x 0.75" (40.6 x 1.9 cm) diameter plastic tube fits most cables with two connectors.

Item #	Description	1-9	10-24	25-99	100-249
FOC-EYE	Dual Fiber Pulling Eye	26.95	25.33	23.72	22.10

☑RoHS Duplex Clips for SC Connectors

These handy duplex clips can be used to join two individual SC connectors together to become a duplex assembly. These one piece clips simply snap into place securely connecting the two individual connectors together. These clips can be used on virtually any simplex SC connector and can be removed and reattached as needed.

Item #	Description	1-9	10-24	25-99	100-249
FOC-SC	SC Duplex Clip	1.75	1.61	1.47	1.33

Global Connectivity

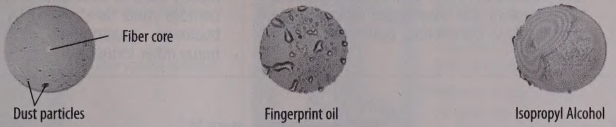
We answer your technical questions
See a complete list of frequently asked questions at
L-com.com/FAQS

Tip

Avoid the number one cause of fiber optic network failure

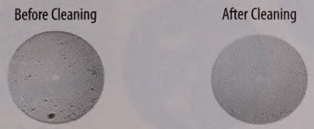
In fiber optic networks, the number one cause of network failure is not cable breakage. It is actually dirty or damaged connectors.

In a fiber optic coupling, connectors are in physical contact with each other. Picture a small rock placed between two pieces of glass and then pressed together. This is similar to what a particle of dust is in relation to the glass fiber. Below are images of common problems found on connectors installed in the field.

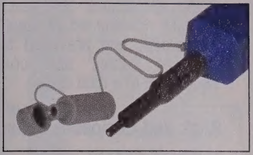


Note: One of the dust particles is larger than the fiber in the center of the connector. This dust, if it covered the fiber, would completely block the light from passing through.

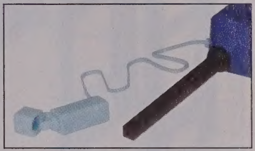
Connectors need to be cleaned before any connection is made. If the cable is disconnected, it needs to be cleaned again. This is a simple process especially with the Senko SMART Cleaner. Just insert the cleaner into the port and then use the same cleaner on the cable connector.



FOC-SC250



FOC-SC125



Item #	Description	List Price

Fiber Optic Cleaner for SC, FC, and ST Connectors

The Senko Fiber Optic Cleaner for SC, FC and ST simplex connections is a dry cloth cleaner specially designed to clean single fiber connectors. The dust cap of the cleaner acts as an adapter for cleaning unmated connectors. The FOC-SC250 Fiber Optic Cleaner is simple, easy to use and highly effective at removing oil and dust contaminants that can inhibit optical performance.

Item #	Description	List Price
FOC-SC250	Fiber Optic Cleaner for SC, FC and ST Connectors	69.95

Fiber Optic Cleaner for LC and MU Connectors

Working with LC connectors often means technicians are faced with a high volume of the connectors, making it difficult to get in between to service and clean them. Using Senko's Fiber Optic Cleaner specifically made to be used with LC connectors is the perfect solution with its thin, extendable shaft that can easily get into hard to reach areas.

Item #	Description	List Price
FOC-SC125	Fiber Optic Cleaner for LC and MU Connectors	69.95

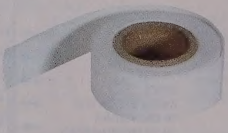
Item #	Description	1-9	10-24	25-99	100-249	250-499

Hellermann-Tyton Fiberclean - Fiber Optic Connector Cleaning System

This is a convenient, economical and easy to use cleaning dispenser system for your fiber optic connectors. This hand held device exposes a portion of "ultra white", non-woven, lint free material sufficient to clean up to six connectors. Used cleaning material is dispensed out of the back of the unit. Up to 400 connectors can be cleaned with a single dispenser.

Item #	Description	1-9	10-24	25-99	100-249	250-499
F01	Fiberclean Dispenser with Cleaning Film	19.50	18.33	17.16	15.99	CALL
F01REF	Fiberclean Cleaning Film Refills	15.15	14.24	13.33	12.42	CALL

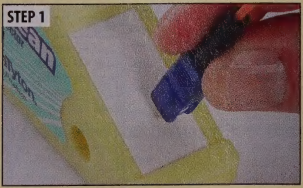
F01


F01REF

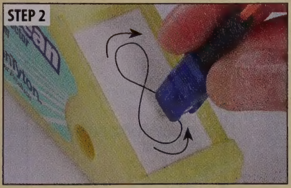
Keep fiber cables clean to maintain performance

Online Video
L-com.com/Videos/A05

It is critically important for fiber optic connectors to be free of dust and dirt to maintain optimum performance. A simple and effective way to do this is to clean the ends of your fiber optic cables often when they are disconnected, as illustrated.

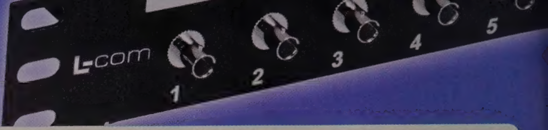


Softly press fiber tip in cleaning window using a figure 8 motion.



Repeat 3 times, inspecting fiber tip for cleanliness.

> "I am a researcher at the University of Kansas Medical Center. I placed an order today over the telephone to L-com, and it truly was one of the best customer service experiences I have had in years. You are lucky to have people working for you that make customers feel good about your service. Thank you again."
> - Matthew Scanlon, University of Kansas Medical Center



Patch Panels / Racks Tutorial

What are racks, enclosures and patch panels?

Racks, enclosures and patch panels are typically constructed of steel, sheet metal and plastic and are used to secure and organize cables and communications equipment in a data center.

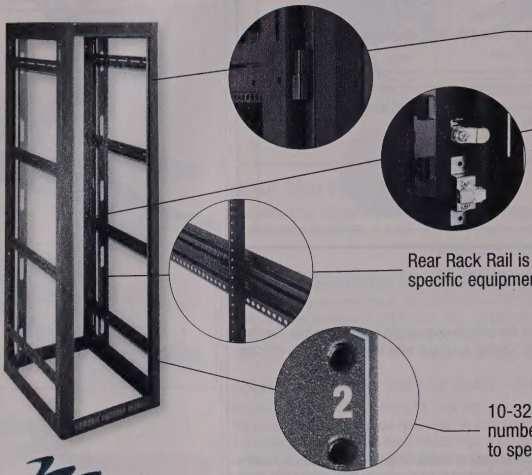
How are racks, enclosures and patch panels used?

Patch panels are screwed in to the racks and enclosures. Patch panels are populated with couplers and adapters of various types which allow connection points for patch cables.

Where are racks, enclosures and patch panels used?

Racks, enclosures and patch panels are mostly used in data closets and larger data centers and are used by commercial business, governments, the military and many other industries.

Rack and Enclosure Construction


Metal Hinge allows users to mount the door without removing equipment
Standard Solid Rear Door features a spring loaded latch to keep door closed
Rear Rack Rail is adjustable to fit specific equipment needs
2
10-32 threaded rack rail features numbered rackspace increments to speed equipment loading

Metal Hinge allows users to mount the door without removing equipment

Standard Solid Rear Door features a spring loaded latch to keep door closed

Rear Rack Rail is adjustable to fit specific equipment needs

10-32 threaded rack rail features numbered rackspace increments to speed equipment loading

Seismic Rated to Uniform Building Code Zone 4 for up to 1,000 lbs (454.5kg) of equipment when installed with WRK-Z4 Mounting Bracket

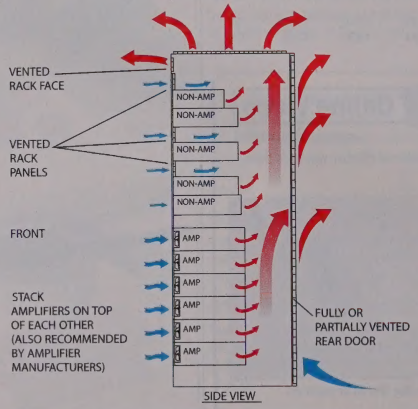
Enclosures are UL Listed with a weight capacity of up to 2,500 lbs (1136.4kg)

Middle Atlantic Products, Inc.
www.middleatlantic.com

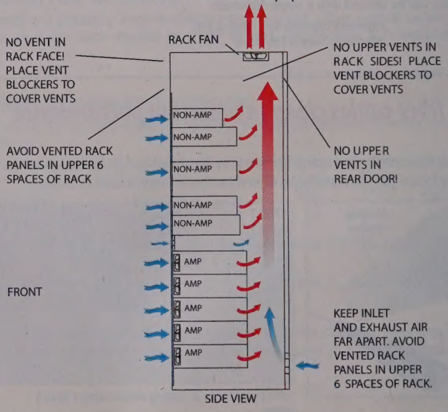
The racks and enclosures manufactured by Middle Atlantic Products have been designed specifically to address both the needs of the equipment that is being mounted, as well as to address any limitations or restrictions of the jobsite. In addition, these racks are contractor-friendly and have been designed with many essential time-saving features.

Thermal Management Best Practices

PROPER
PASSIVE CONVECTION
with front-intakes on equipment


VENTED RACK FACE
VENTED RACK PANELS
FRONT
STACK AMPLIFIERS ON TOP OF EACH OTHER (ALSO RECOMMENDED BY AMPLIFIER MANUFACTURERS)
NON-AMP
NON-AMP
NON-AMP
NON-AMP
NON-AMP
AMP
AMP
AMP
AMP
AMP
AMP
FULLY OR PARTIALLY VENTED REAR DOOR
SIDE VIEW

PROPER
FORCED AIR
with front-intakes on equipment


NO VENT IN RACK FACE! PLACE VENT BLOCKERS TO COVER VENTS
RACK FAN
NO UPPER VENTS IN RACK SIDES! PLACE VENT BLOCKERS TO COVER VENTS
AVOID VENTED RACK PANELS IN UPPER 6 SPACES OF RACK
NO UPPER VENTS IN REAR DOOR!
NON-AMP
NON-AMP
NON-AMP
NON-AMP
NON-AMP
AMP
AMP
AMP
AMP
AMP
FRONT
KEEP INLET AND EXHAUST AIR FAR APART. AVOID VENTED RACK PANELS IN UPPER 6 SPACES OF RACK.
SIDE VIEW

For more useful information go to....
L-com.com/Resources

Server Cabinet

- Fully vented front and split rear doors
- Fully vented top
- Temperature sensor
- Cable management
- Power distribution
- Cage nut rackrail
- Hardware
- Other options available

WMRK Series

Security Cabinet

- Fully welded construction, open sides
- 2,500 lb (1136.4kg) weight capacity
- Seismic certified (1994 UBC for seismic zone 4) for protecting 1,000 lbs (454.5kg) of essential equipment when used in conjunction with the WRK-Z4 brackets
- Generous 24.25" (61.6cm) OD width provides room for cables
- 2 extra-wide pairs of 10-32 threaded rackrail standard
- Grounding and bonding stud installed in base

WRK Series

Network Cabinet

- 30" (76.2cm) OD width, 31.5" (80cm), 36" (91.4cm) and 42" (106.7cm) OD depth
- Fully welded construction provides a 2,500 lb (1136.4kg) weight capacity
- Seismic certified (UBC 1997 & CBC 1998 Zone 4; IBC 2000, IBC 2003, ASCE7-01, NFPA 5000 Seismic Use Group III) for protecting 750 lbs (340.9kg) of essential equipment when used in conjunction with the MRK-Z4 brackets
- Vented rear door standard
- .125" (0.3cm) thick structural steel internal braces include 100 rack screws
- Grounded and bonding stud installed in base

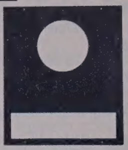
DRK Series

Item #	Racking Height	Overall Height	Shipping Weight	1-9	10-24	25-49	100-249
☑RoHS 36-42" (91.4cm - 106.7cm) Outside Depth Server Cabinets							
WMRK-2436SVR	42" (106.7cm) (24 Space)	48.63" (123.5cm)	270 lbs (122.7kg)	2447.54	2398.59	2300.69	1835.65
WMRK-2436SVR-AB	42" (106.7cm) (24 Space)	48.63" (123.5cm)	205 lbs (93.2kg)	1950.07	1911.07	1833.07	1462.55
WMRK-4236SVR	73.50" (186.7cm) (42 Space)	80.07" (203.4cm)	230 lbs (122.7kg)	2736.06	2681.34	2571.90	2052.05
WMRK-4236SVR-AB	73.50" (186.7cm) (42 Space)	80.07" (203.4cm)	165 lbs (104.5kg)	2089.35	2047.56	1963.99	1567.01
WMRK-4242SVR	73.50" (186.7cm) (42 Space)	80.07" (203.4cm)	245 lbs (111.4kg)	2915.15	2856.85	2740.24	2186.36
WMRK-4242SVR-AB	73.50" (186.7cm) (42 Space)	80.07" (203.4cm)	180 lbs (81.8kg)	2238.59	2193.82	2104.27	1678.94
☑RoHS 27.5" (69.9cm) Outside Depth 25.75" (65.4cm) Stand Alone, Non-Gangable Network Enclosures with Side Panels							
WRKSA-2427	42" (106.7cm) (24 Space)	48.13" (122.3cm)	146 lbs (66.4kg)	956.60	937.47	899.20	717.45
WRKSA-3727	64.75" (164.5cm) (37 Space)	70.88" (180.0cm)	202 lbs (91.8kg)	1089.80	1068.00	1024.41	817.35
WRKSA-4027	70" (177.8cm) (40 Space)	76.13" (193.4cm)	212 lbs (96.4kg)	1162.43	1139.18	1092.68	871.82
WRKSA-4427	77" (195.6cm) (44 Space)	83.13" (211.2cm)	226 lbs (102.7kg)	1198.79	1174.81	1126.86	899.09
WRKSA-4427LRD*	77" (195.6cm) (44 Space)	83.13" (211.2cm)	195 lbs (88.6kg)	1089.80	1068.00	1024.41	817.35
*Enclosure does not include rear door							
☑RoHS 32.5" (82.6cm) Outside Depth 30.75" (78.1cm) Stand Alone, Non-Gangable Network Enclosures with Side Panels							
WRKSA-2432	42" (106.7cm) (24 Space)	48.13" (122.3cm)	164 lbs (74.5kg)	1041.35	1020.52	978.87	781.01
WRKSA-3732	64.75" (164.5cm) (37 Space)	70.88" (180.0cm)	218 lbs (99.1kg)	1162.43	1139.18	1092.68	871.82
WRKSA-4032	70" (177.8cm) (40 Space)	76.13" (193.4cm)	234 lbs (106.4kg)	1186.68	1162.95	1115.48	890.01
WRKSA-4432	77" (195.6cm) (44 Space)	83.13" (211.2cm)	250 lbs (113.6kg)	1295.65	1269.74	1217.91	971.74
WRKSA-4432LRD*	77" (195.6cm) (44 Space)	83.13" (211.2cm)	212 lbs (96.4kg)	1186.68	1162.95	1115.48	890.01
*Enclosure does not include rear door							
☑RoHS 27.5" (69.9cm) Outside Depth 25.75" (65.4cm) Gangable Security/Data Cabinet Enclosures without Side Panels							
WRK-2427	42" (106.7cm) (24 Space)	48.13" (122.3cm)	124 lbs (56.4kg)	932.36	913.71	876.42	699.27
WRK-3727	64.75" (164.5cm) (37 Space)	70.88" (180.0cm)	160 lbs (72.7kg)	1053.46	1032.39	990.25	790.10
WRK-4027	70" (177.8cm) (40 Space)	76.13" (193.4cm)	168 lbs (76.4kg)	1126.15	1103.63	1058.58	844.61
WRK-4427	77" (195.6cm) (44 Space)	83.13" (211.2cm)	176 lbs (80.0kg)	1162.43	1139.18	1092.68	871.82
WRK-4427LRD*	77" (195.6cm) (44 Space)	83.13" (211.2cm)	152 lbs (69.1kg)	1053.46	1032.39	990.25	790.10
*Enclosure does not include rear door							
☑RoHS 32.5" (82.6cm) Outside Depth 30.75" (78.1cm) Gangable Security/Data Cabinet Enclosures without Side Panels							
WRK-2432	42" (106.7cm) (24 Space)	48.13" (122.3cm)	138 lbs (62.7kg)	992.96	973.10	933.38	744.72
WRK-3732	64.75" (164.5cm) (37 Space)	70.88" (180.0cm)	178 lbs (80.9kg)	1101.93	1079.89	1035.81	826.45
WRK-4032	70" (177.8cm) (40 Space)	76.13" (193.4cm)	184 lbs (83.6kg)	1150.34	1127.33	1081.32	862.75
WRK-4432	77" (195.6cm) (44 Space)	83.13" (211.2cm)	181 lbs (82.3kg)	1198.79	1174.81	1126.86	899.09
WRK-4432LRD*	77" (195.6cm) (44 Space)	83.13" (211.2cm)	161 lbs (73.2kg)	1089.80	1068.00	1024.41	817.35
*Enclosure does not include rear door							
☑RoHS DRK Series 31.5" (80.0cm), 36" (91.4cm) and 42" (106.7cm) Networking Cabinet, Deep Enclosures with Vented Rear Door							
DRK19-44-31	77" (195.6cm) (44 Space)	83.50" (212.1cm)	195 lbs (88.6kg)	1732.68	1698.03	1628.72	1299.51
DRK19-44-31PRO	77" (195.6cm) (44 Space)	83.50" (212.1cm)	195 lbs (88.6kg)	1811.45	1775.22	1702.76	1358.59
DRK19-44-36	77" (195.6cm) (44 Space)	83.50" (212.1cm)	220 lbs (100.0kg)	1919.13	1880.75	1803.98	1439.35
DRK19-44-36PRO	77" (195.6cm) (44 Space)	83.50" (212.1cm)	220 lbs (100.0kg)	1997.80	1957.84	1877.93	1498.35
DRK19-44-42	77" (195.6cm) (44 Space)	83.50" (212.1cm)	240 lbs (109.1kg)	2131.15	2088.53	2003.28	1598.36
DRK19-44-42PRO	77" (195.6cm) (44 Space)	83.50" (212.1cm)	240 lbs (109.1kg)	2209.23	2165.05	2076.68	1656.92
☑RoHS R4CN Series 19" (48.3cm) Relay and 4 Post Universal Rack Enclosures with Cage Nut Rackrails							
R4CN-4524B	78.75" (200.0cm) (45 Space)	84.22" (213.9cm)	72 lbs (32.7kg)	690.53	676.72	649.10	517.90
R4CN-4530B	78.75" (200.0cm) (45 Space)	84.22" (213.9cm)	85 lbs (38.6kg)	842.86	826.00	792.29	632.14
R4CN-4536B	78.75" (200.0cm) (45 Space)	84.22" (213.9cm)	78 lbs (35.5kg)	913.94	895.66	859.10	685.46
R4CN-5124B	91" (231.1cm) (52 Space)	96.47" (245.0cm)	76 lbs (34.5kg)	748.92	733.94	703.98	561.69
R4CN-5130B	91" (231.1cm) (52 Space)	96.47" (245.0cm)	79 lbs (35.9kg)	875.86	858.34	823.31	656.89
R4CN-5136B	91" (231.1cm) (52 Space)	96.47" (245.0cm)	82 lbs (37.3kg)	952.02	932.98	894.90	714.01

Same day shipping
Orders placed before 4:00 EST
ship the same day.

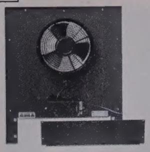
L-com® Global Connectivity

A



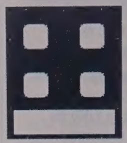
10" (25.4cm) Top Plate

B



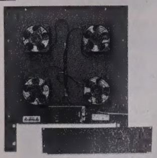
10" (25.4cm) Fan Mount Top Plate

C



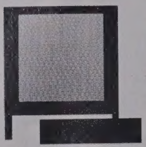
4.5" (11.4cm) Top Plate Supports 4 Fans

D



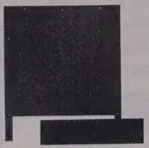
4.5" (11.4cm) Fan Mount Top Plate Supports 4 Fans

E



Vented Top Plate

F



Solid Top Plate

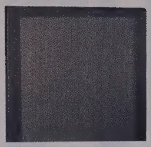
G

Solid Front Door

H

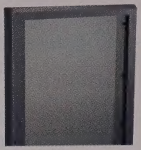
Plexi Front Door

I



Vented Front Door

J

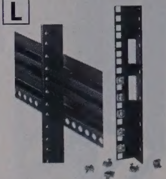


Vented Plexi Front Door

K

Caster Base

L



Additional Rack Rail Options Shown Online

Item #	Code	Description	Shipping Weight	1-9	10-24	25-49	100-249
RoHS Top Plate Options - For WRKSA, WRK and DRK Series Enclosures							
MW-10FT	A	10" (25.4cm) Fan Top (Excluding Fan)	11 lbs (5.0kg)	53.26	52.19	50.06	39.95
MW-10FT-FC	B	Integrated 10" (25.4cm) Fan Top, Includes 1 Fan and Proportional Speed Fan Control	15 lbs (6.9kg)	529.62	519.03	497.84	397.22
MW-10FT-550CFM	B	Integrated 10" (25.4cm) Fan Top, Includes 1 Fan, 550 Cfm	16 lbs (7.3kg)	399.65	391.66	375.67	299.74
MW-4FT	C	4.5" (11.4cm) Fan Top (Excluding Fans)	13 lbs (5.9kg)	53.26	52.19	50.06	39.95
MW-4FT-380CFM	D	Integrated 4.5" (11.4cm) Fan Top, Includes 4 Fans	18 lbs (8.2kg)	368.91	361.53	346.78	276.68
MW-4QFTFC	D	Integrated 4.5" (11.4cm) Fan Top, Includes 4 Quiet Fans	16 lbs (7.3kg)	632.09	619.45	594.16	474.07
MW-6FT	N/A	6" (15.2cm) Fan Top (Excluding Fans)	13 lbs (5.9kg)	51.44	50.41	48.35	38.58
MW-6FT-660CFM	N/A	Integrated 6" (15.2cm) Fan Top, Includes 3 Fans	14 lbs (6.4kg)	465.34	456.03	437.42	349.00
MW-LVT	N/A	64% Open Area Top	10 lbs (4.5kg)	80.41	78.80	75.59	60.31
MW-VT	E	Vented Top Plate	12 lbs (5.5kg)	53.26	52.19	50.06	39.95
MW-ST	F	Solid Top Plate	12 lbs (5.5kg)	53.26	52.19	50.06	39.95
RoHS Top Options Server Cabinet							
ERK-4FT	N/A	4.5" (11.4cm) Fan Top (Excluding Fans)	6 lbs (2.7kg)	42.89	42.03	40.32	32.17
ERK-4FT-285CFM	N/A	Integrated 4.5" (11.4cm) Fan Top, Includes 3 Fans	11 lbs (5.0kg)	290.21	284.41	272.80	217.66
ERK-4QFT-FC	N/A	Integrated 4.5" (11.4cm) Fan Top, Includes 3 Quiet Fans	11 lbs (5.0kg)	523.10	512.64	491.71	392.33
ERK-6FT	N/A	6" (15.2cm) Fan Top (Excluding Fans)	6 lbs (2.7kg)	41.45	40.62	38.96	31.09
ERK-6FT-440CFM	N/A	Integrated 6" (15.2cm) Fan Top, Includes 2 Fans	9 lbs (4.1kg)	333.67	327.00	313.65	250.25
ERK-ST	N/A	Solid Top for any WMRK, ERK or SCRK Series Rack	6 lbs (2.7kg)	42.89	42.03	40.32	32.17
ERK-VT	N/A	Vented Top for any WMRK, ERK or SCRK Series Rack	6 lbs (2.7kg)	42.89	42.03	40.32	32.17
RoHS Solid Front Door Options - For WRKSA and WRK Series Enclosures							
FD-24	G	Solid Front Door for 42" (106.7cm) Enclosures	23 lbs (10.5kg)	189.19	185.41	177.84	141.89
FD-37	G	Solid Front Door for 64.75" (164.5cm) Enclosures	44 lbs (20.0kg)	237.11	232.37	222.88	177.83
FD-40	G	Solid Front Door for 70" (177.8cm) Enclosures	46 lbs (20.9kg)	244.70	239.81	230.02	183.52
FD-44	G	Solid Front Door for 77" (195.6cm) Enclosures	52 lbs (23.6kg)	252.27	247.22	237.13	189.20
RoHS Plexi Front Door Options - For WRKSA and WRK Series Enclosures							
PFD-24	H	Plexi Front Door for 42" (106.7cm) Enclosures	19 lbs (8.6kg)	329.89	323.29	310.10	247.42
PFD-37	H	Plexi Front Door for 64.75" (164.5cm) Enclosures	50 lbs (22.7kg)	501.01	490.99	470.95	375.76
PFD-40	H	Plexi Front Door for 70" (177.8cm) Enclosures	52 lbs (23.6kg)	531.95	521.31	500.03	398.96
PFD-44	H	Plexi Front Door for 77" (195.6cm) Enclosures	58 lbs (26.4kg)	569.06	557.68	534.92	426.79
RoHS Vented Front Door Options - For WRKSA and WRK Series Enclosures							
VFD-24	I	Vented Front Door for 42" (106.7cm) Enclosures	20 lbs (9.1kg)	264.89	259.59	249.00	198.67
VFD-37	I	Vented Front Door for 64.75" (164.5cm) Enclosures	38 lbs (17.3kg)	327.94	321.38	308.26	245.95
VFD-40	I	Vented Front Door for 70" (177.8cm) Enclosures	44 lbs (20.0kg)	348.14	341.18	327.25	261.11
VFD-44	I	Vented Front Door for 77" (195.6cm) Enclosures	48 lbs (21.8kg)	378.39	370.82	355.69	283.79
RoHS Vented Plexi Front Door Options - For WRKSA and WRK Series Enclosures							
PVFD-44	J	Vented Plexi Front Door for 77" (195.6cm) Enclosures	50 lbs (22.7kg)	737.89	723.13	693.62	553.42
RoHS Caster Base Options - For WRKSA and WRK Series Enclosures							
CBS-WRK-27	K	Caster Base for 27" (68.6cm) Depth Enclosures, 1300 lbs (590.9kg) Capacity	24 lbs (10.9kg)	161.91	158.67	152.20	121.43
CBS-WRK-32	K	Caster Base for 32" (81.3cm) Depth Enclosures, 1300 lbs (590.9kg) Capacity	27 lbs (12.3kg)	181.10	177.48	170.23	135.82
RoHS Rack Rail Options - For WRKSA and WRK Series Enclosures							
WRK-RR24	L	Rail Kit, 10-32 Threads, 24U WRK Series Enclosures	12 lbs (5.5kg)	93.30	91.43	87.70	69.97
WRK-RR37	L	Rail Kit, 10-32 Threads, 37U WRK Series Enclosures	15 lbs (6.8kg)	103.45	101.38	97.24	77.59
WRK-RR40	L	Rail Kit, 10-32 Threads, 40U WRK Series Enclosures	17.3 lbs (7.9kg)	111.00	108.78	104.34	83.25
WRK-RR44	L	Rail Kit, 10-32 Threads, 44U WRK Series Enclosures	20 lbs (9.1kg)	118.54	116.17	111.43	88.91

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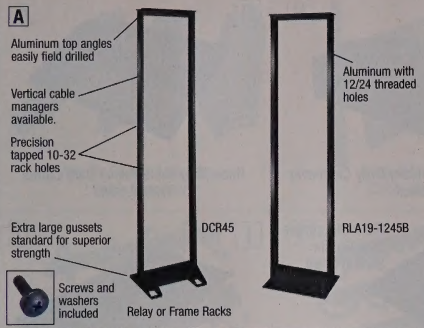
A


Aluminum top angles easily field drilled
Vertical cable managers available.
Precision tapped 10-32 rack holes
Extra large gussets standard for superior strength
Screws and washers included
DCR45
Aluminum with 12/24 threaded holes
RLA19-1245B

Relay or Frame Racks

B

Wall Mount Pivoting Rack Cabinets

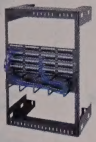
C

Wall Mount Rack Cabinets

D

Low Profile Wall Mount Rack Enclosures

E

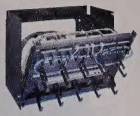


Wall Mountable Relay Racks

F

Swing Frame Wall Rack

G



Pivoting Panel Mount Cabinet

☑RoHS 19" (48.3cm) Relay/Frame Racks – Rugged Telecom Equipment and Patch Panel Mounting

For the highest quality rack system choose the Middle Atlantic 19" (48.3cm) Relay Rack. Constructed with 11-gauge 10-32 threaded steel side channels, this rack can handle up to 400 lbs (181.8kg) of equipment and cabling. Incorporating a self-squaring, self-leveling design greatly reduces assembly time. Unique gusseted base means no shimming on uneven floors.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
DCR38	A	19" (48.3cm) Relay Rack Kit	38	72.00" (182.9cm)	36 lbs (16.4kg)	257.49	252.34	242.04	193.12
DCR45	A	19" (48.3cm) Relay Rack Kit	45	84.00" (213.4cm)	38 lbs (16.4kg)	273.09	267.63	256.70	204.82

☑RoHS 2 Post Relay Rack

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
RLA19-1245B	A	Aluminum Open Frame Rack	45	78.75" (200cm)	39 (17.7kg)	210.17	205.97	197.56	157.63
RLA-CC	A	Cable Management Duct For RLA Series Open Frame Racks	45	77.00" (195.6cm)	20 (9.1kg)	288.32	282.55	271.02	216.24

☑RoHS 19" (48.3cm) Wall Mount Pivoting Rack Cabinets with Security Door

The DWR series wall mount pivoting rack cabinets allow users an ideal method for securing equipment in a compact, lockable wall cabinet. The Wall Mount Pivoting Rack Cabinets feature fully welded construction with heavy-duty hinges for supporting heavy electronics. With abundant cable lacing points, cable pathways and proper cable bend radius can be maintained throughout the cabinet. Cabinet is shipped fully assembled with a plexiglass front door.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
DWR-1017PD	B	19" (48.3cm) Wall Mount Pivoting Rack Cabinet	10	17.50" (44.5cm)	86 lbs (39.1kg)	630.64	618.03	592.80	472.98
DWR-1617PD	B	19" (48.3cm) Wall Mount Pivoting Rack Cabinet	16	28.00" (71.1cm)	110 lbs (50.0kg)	777.32	761.77	730.68	582.99
DWR-2417PD	B	19" (48.3cm) Wall Mount Pivoting Rack Cabinet	24	42.00" (106.7cm)	138 lbs (62.7kg)	988.34	968.57	929.04	741.25

☑RoHS 19" (48.3cm) Wall Mount Rack Cabinet

The SBX series wall mount rack cabinet features standard 18-gauge all steel construction and a removable backpan for simpler wall mounting. The backpan and cabinet top/bottom have laser cut electrical knockouts for easier cable installation. A locking front door secures valuable equipment inside and swings a full 180 degrees on a heavy-duty hinge allowing easy access to equipment.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
SBX-10	C	19" (48.3cm) Wall Mount Rack Cabinet	10	17.50" (44.5cm)	50 lbs (22.7kg)	416.24	407.92	391.27	312.18

☑RoHS 19" (48.3cm) Low Profile Wall Mounted Rack Enclosures

The low profile wall mounted rack enclosures offer a secure housing for rackmountable equipment up to 23" (58.4cm) in depth. The top cover is keyed separately from the hinged door providing user access to equipment controls while restricting access to rear connections within the enclosure. Enclosures are available in 4-8U rack heights and support up to 150lbs (68.2kg).

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
WRS-4	D	19" (48.3cm) Low Profile Wall Mounted Rack Enclosure	4	7.00" (17.8cm)	50 lbs (22.7kg)	409.77	401.57	385.18	307.33
WRS-6	D	19" (48.3cm) Low Profile Wall Mounted Rack Enclosure	6	10.50" (26.7cm)	60 lbs (27.3kg)	425.04	416.54	399.54	318.78
WRS-8	D	19" (48.3cm) Low Profile Wall Mounted Rack Enclosure	8	14.00" (35.6cm)	65 lbs (29.5kg)	479.52	469.93	450.75	359.64

☑RoHS Wall Mountable 19" (48.3cm) Relay Racks - Great for Telecom Equipment

These wall mountable relay racks are especially useful when a stand up 19" (48.3cm) rack can't be used due to floor space limitations. Units come in 12" (30.5cm) or 18" (45.7cm) depths and various rack heights. Rugged steel construction and black powder coat finish. Rack screws included.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
WM812	E	12" (30.5cm) Deep Wall Mount Rack	8	14.00" (35.6cm)	18 lbs (8.2kg)	162.97	159.71	153.19	122.23
WM1512	E	12" (30.5cm) Deep Wall Mount Rack	15	26.25" (66.7cm)	19 lbs (8.6kg)	167.75	164.40	157.69	125.81
WM3012	E	12" (30.5cm) Deep Wall Mount Rack	30	52.50" (133.4cm)	28 lbs (12.7kg)	196.54	192.61	184.75	147.41
WM818	E	18" (45.7cm) Deep Wall Mount Rack	8	14.00" (35.6cm)	23 lbs (10.5kg)	186.93	183.19	175.71	140.20
WM1518	E	18" (45.7cm) Deep Wall Mount Rack	15	26.25" (66.7cm)	23 lbs (10.5kg)	203.70	199.63	191.48	152.77
WM3018	E	18" (45.7cm) Deep Wall Mount Rack	30	52.50" (133.4cm)	28 lbs (12.7kg)	227.69	223.14	214.03	170.77

☑RoHS 19" (48.3cm) Swing Frame Wall Racks - Sturdy, Effective Wall or Corner Mounting Device

These swing gate wall racks are available in two heights with 12" (30.5cm) and 18" (45.7cm) depths. Rails are 10-32 thread with standard EIA hole spacing. Nominal 150 lb (68.2kg) capacity. They have convenient tie points and velcro loops for maximum internal cable management. EIA, TIA, RETMA compliant.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
DSGR12-12	F	12" (30.5cm) Deep Swing Gate Rack	12	24.50" (62.2cm)	35 lbs (15.9kg)	308.64	302.47	290.12	231.48
DSGR20-12	F	12" (30.5cm) Deep Swing Gate Rack	20	38.50" (97.8cm)	42 lbs (19.1kg)	343.81	336.93	323.18	257.86
DSGR12-18	F	18" (45.7cm) Deep Swing Gate Rack	12	24.50" (62.2cm)	38 lbs (17.3kg)	330.32	323.71	310.50	247.74
DSGR20-18	F	18" (45.7cm) Deep Swing Gate Rack	20	38.50" (97.8cm)	44 lbs (20.0kg)	392.55	384.70	369.00	294.41
SFR-12-18	F	Swing Frame Rack, 18" (45.7cm) Deep	12	21.00" (53.3cm)	38 lbs (17.3kg)	223.28	218.81	209.88	167.46
SFR-20-18	F	Swing Frame Rack, 18" (45.7cm) Deep	20	35.00" (88.9cm)	46 lbs (20.9kg)	283.72	278.05	266.70	212.79
SFR-25-18	F	Swing Frame Rack, 18" (45.7cm) Deep	25	44.00" (111.8cm)	30 lbs (13.6kg)	321.45	315.02	302.16	241.09
SFR-12-24	F	Swing Frame Rack, 24" (61.0cm) Deep	12	21.00" (53.3cm)	44 lbs (20.0kg)	256.45	251.32	241.06	192.34
SFR-20-24	F	Swing Frame Rack, 24" (61.0cm) Deep	20	35.00" (88.9cm)	43 lbs (19.5kg)	332.30	325.65	312.36	249.23
SFR-25-24	F	Swing Frame Rack, 24" (61.0cm) Deep	25	44.00" (111.8cm)	51 lbs (23.2kg)	373.84	366.36	351.41	280.38

☑RoHS 19" (48.3cm) Pivoting Panel Mount Cabinets - Handy Wall Mounting Allows Rear Access

Conserve valuable floor space with these pivoting panel mount cabinets. The pivoting feature allows punching down while fully open. Rails are tapped 10-32 with standard EIA hole spacing. Available in four basic heights and 6" (15.2cm) or 12" (30.5cm) depth. Other features include: numerous cable tie points and velcro cable loops. Made of .060" (0.2cm) steel and .125" (0.3cm) thick tapped rails.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
DPPM2	G	6" (15.2cm) Pivoting Panel Wall Mount Cabinet	2	3.50" (8.9cm)	8 lbs (3.6kg)	83.27	81.60	78.27	62.45
DPPM4	G	6" (15.2cm) Pivoting Panel Wall Mount Cabinet	4	7.00" (17.8cm)	10 lbs (4.5kg)	95.87	93.95	90.12	71.90
DPPM6	G	6" (15.2cm) Pivoting Panel Wall Mount Cabinet	6	10.50" (26.7cm)	12 lbs (5.5kg)	103.45	101.38	97.24	77.59
DPPM6-12	G	12" (30.5cm) Pivoting Panel Wall Mount Cabinet	6	10.50" (26.7cm)	19 lbs (8.6kg)	171.56	168.13	161.27	128.67
DPPM8-12	G	12" (30.5cm) Pivoting Panel Wall Mount Cabinet	8	14.00" (35.6cm)	21 lbs (9.5kg)	184.15	180.47	173.10	138.11

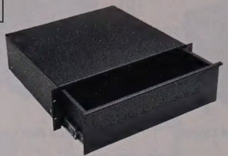
Custom design and manufacturing capabilities
Our product design process takes you from concept
to production. L-com.com/Custom

L-com® Global Connectivity

A

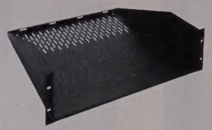
Rack Mountable
Steel Lockboxes

B



Rack Mountable
Steel Utility Drawers

C



Rack Mountable Heavy Duty Cantilever
Shelf

D

Rack Mountable Heavy Duty Center
Weight Shelf

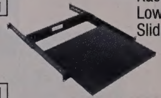
E

Rack Mountable Slide-Away
17" (43.2cm) LCD Monitor,
Keyboard and Touchpad

F

Rack Mountable Computer Keyboard
with Trackball

G



Rack Mountable
Low Profile
Sliding Shelf

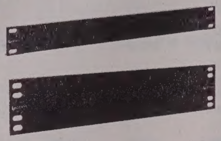
H

Rack Mountable
Sliding Shelf

I

High Capacity Stationary Shelf

J

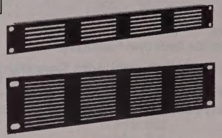


Blank Filler Panels,
Solid Steel

K

Vertically Vented
Rack Panels

L



Horizontally Vented
Rack Panels

M

Filter and Fan
Rack Panels

✓RoHS 19" (48.3cm) Steel Lockboxes - 9" (22.9cm) Depth Allows Rack Mountable Security

Safely secure gear in the LBX series of lockboxes. 3 and 4 rack space models are available, both are 9" (22.9cm) deep. Black powder coat finish.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
LBX-3	A	19" (48.3cm) Rack Mountable Lockbox	3	5.25 in (13.3cm)	11 lbs (5.0kg)	101.34	99.31	95.26	76.00
LBX-4	A	19" (48.3cm) Rack Mountable Lockbox	4	7.00 in (17.8cm)	12 lbs (5.5kg)	110.13	107.93	103.52	82.60

✓RoHS 19" (48.3cm) Steel Utility Drawer in 2, 3 and 4 Rack Space Heights

These steel utility drawers are available in two, three and four rack space heights for storing equipment and supplies. Full extension ball bearing slides smoothly extending to a full 14" (35.6cm). Inside dimensions 15.88" x 14.5" (40.3cm x 36.8cm). Knockouts in rear allow cable pass through. Black powder coat finish.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
UD-2	B	19" (48.3cm) Rack Mountable Utility Drawer	2	3.50 in (8.9cm)	16 lbs (7.3kg)	133.27	130.60	125.27	99.95
UD-3	B	19" (48.3cm) Rack Mountable Utility Drawer	3	5.25 in (13.3cm)	19 lbs (8.6kg)	141.89	139.05	133.38	106.42
UD-4	B	19" (48.3cm) Rack Mountable Utility Drawer	4	7.00 in (17.8cm)	21 lbs (9.5kg)	163.47	160.20	153.66	122.60

✓RoHS 3.5" (8.9cm) and 5.25" (13.3cm) High (2 and 3 Rack Spaces) Heavy Duty Shelves for 19" (48.3cm) Racks

Two heavy duty shelves are available for 19" (48.3cm) rack panels. Cantilever shelf is 17" (43.2cm) deep and occupies three rack spaces vertically. The center weight shelf is 18" (45.7cm) deep in total and occupies two rack spaces vertically. Both shelves have vented bottoms. Color: Matte black.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
U317	C	19" (48.3cm) Rack Mountable Heavy Duty Cantilever Shelf, 17" (43.2cm) Dp	3	5.25 in (13.3cm)	10 lbs (4.5kg)	78.22	76.66	73.53	58.66
U2MS	D	19" (48.3cm) Rack Mountable Heavy Duty Center Weight Shelf, 18" (45.7cm) Dp	2	3.50 in (8.9cm)	9 lbs (4.1kg)	83.27	81.60	78.27	62.45

✓RoHS 19" (48.3cm) Rackmount Slide-Away Computer Keyboard System

The rackmount computer keyboard system occupies only 1.75" (4.4cm) (1 space) and features a high quality keyboard with built in trackball. A built in cable support arm provides secure cable management.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
RM-KB-LCD17	E	19" (48.3cm) Rackmount Slide-Away 17" (43.2cm) LCD Monitor, Keyboard and Touchpad	1	1.75 in (4.4cm)	35 lbs (15.9kg)	2459.39	2410.20	2311.83	1844.54
RM-KB	F	19" (48.3cm) Rackmount Computer Keyboard with Trackball	1	1.75 in (4.4cm)	16 lbs (7.3kg)	527.14	516.60	495.51	395.36

✓RoHS 19" (48.3cm) Rackmount Sliding Shelves

The rackmount shelves slide out giving easy access to equipment. A telescopic rear support offers flexibility in rack mounting depths. Each shelf requires a minimum rack depth of 14.75" (37.5cm).

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
SSL	G	19" (48.3cm) Sliding Shelf w/14" x 16.75" (35.6cm x 42.5cm) Work Surface, 35 lb Capacity	1	1.75 in (4.4cm)	9 lbs (4.1kg)	103.63	101.56	97.41	77.72
SS	H	19" (48.3cm) Sliding Shelf w/14.75" x 17.5" (37.5cm x 44.5cm) Work Surface, 50 lb Capacity	1+	2.40 in (6.1cm)	15 lbs (6.8 kg)	153.42	150.35	144.21	115.06

✓RoHS High Capacity Stationary Shelf, 4 Point Mount

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
VSA-1626	I	Adjustable Heavy Duty Vented Rackshelf	<1	1.50 in (3.8cm)	12 lbs (5.5kg)	118.68	116.31	111.56	89.01
VSA-2744	I	Adjustable Heavy Duty Vented Rackshelf	<1	1.50 in (3.8cm)	19 lbs (8.6kg)	146.20	143.28	137.43	109.65

✓RoHS 19" (48.3cm) Rack Filler Panels

A variety of 19" (48.3cm) rack filler panels allow installers to give a custom look to their rack installation while allowing proper thermal venting.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
PR175BLK	J	1.75" (4.4cm) Blank Filler Panel, Solid Steel	1	1.75 in (4.4cm)	1 lb (0.5kg)	20.85	19.18	17.51	15.85
PR35BLK	J	3.50" (8.9cm) Blank Filler Panel, Solid Steel	2	3.50 in (8.9cm)	2 lbs (0.9kg)	27.45	25.25	23.06	20.86
PR175-EVTBLK	K	1.75" (4.4cm) Blank Filler Panel, Vertical Vented Steel	1	1.75 in (4.4cm)	1 lb (0.5kg)	11.69	11.46	10.99	8.77
PR35-EVTBLK	K	3.50" (8.9cm) Blank Filler Panel, Vertical Vented Steel	2	3.50 in (8.9cm)	1 lb (0.5kg)	15.29	14.98	14.37	11.47
PR175-VTPBLK	L	1.75" (4.4cm) Blank Filler Panel, Horizontal Vented Steel	1	1.75 in (4.4cm)	1 lb (0.5kg)	27.38	26.83	25.74	20.54
PR35-VTPBLK	L	3.50" (8.9cm) Blank Filler Panel, Horizontal Vented Steel	2	3.50 in (8.9cm)	1 lb (0.5kg)	29.90	29.30	28.11	22.42
FILTER	M	5.25" x 19" (13.3cm x 48.3cm) Rack Filter	3	5.25 in (13.3cm)	1 lb (0.5kg)	38.86	38.08	36.53	29.14
QTFP-2	M	5.25" x 19" (13.3cm x 48.3cm) Panel with Dual 4.5" (11.4cm) Fans	3	5.25 in (13.3cm)	5 lbs (2.3kg)	140.79	137.97	132.34	105.59

> "L-com's e-mails pointing out answers to questions and getting people to start using your website as a knowledge based resource is an excellent marketing idea, but also an excellent resource. Educating our colleagues is a vital part of keeping our technological superiority over the competition whether it is business or national defense." - Joe Gannatal, Supervisory Electronics Engineer, U.S. Navy

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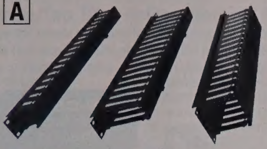
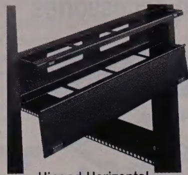


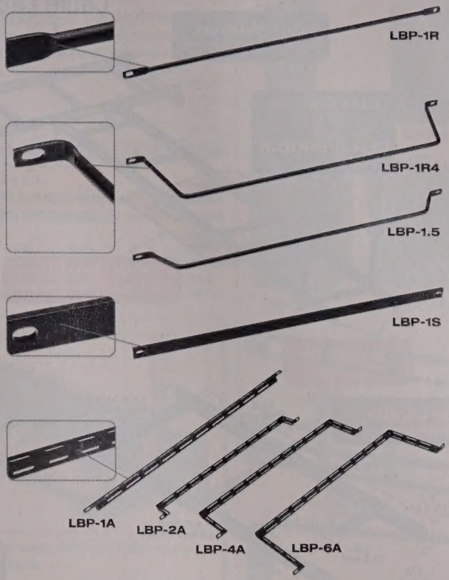
Plastic Finger Horizontal Cable Manager

B



Hinged Horizontal Cable Manager

C



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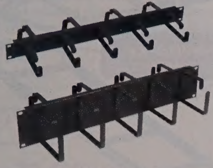
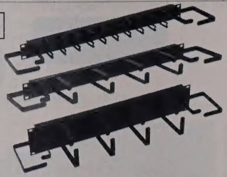


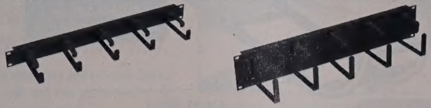
Rack Mountable Horizontal Cable Manager, Double Sided

E



Rack Mountable Horizontal Cable Manager with End Rings

F



Rack Mountable Horizontal Cable Manager

RoHS Rackmount Cable Managers with D-Rings

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
HCM-1		19" (48.3cm) Rack Mountable Horizontal Cable Manager	1	1.75" (4.4cm)	1 lb (0.5kg)	29.51	28.92	27.74	22.13
HCM-1D	F	D-Ring Horizontal Cable Manager	1	1.75" (4.4cm)	2 lbs (0.9kg)	36.90	36.16	34.69	27.67
HCM-1DR	D	19" (48.3cm) Rackmount Cable Manager	1	1.75" (4.4cm)	3.5 lbs (1.6kg)	45.73	44.82	42.99	34.30
HCM-1DV	E	19" (48.3cm) Rackmount Cable Manager with End Rings	1	1.75" (4.4cm)	2 lbs (0.9kg)	39.81	39.01	37.42	29.86
HCM-1V	E	19" (48.3cm) Rackmount Cable Manager with End Rings	1	1.75" (4.4cm)	2 lbs (0.9kg)	39.81	39.01	37.42	29.86
HCM-2D	F	D-Ring Horizontal Cable Manager	2	3.50" (8.9cm)	2.35 lbs (1.1kg)	39.81	39.01	37.42	29.86
HCM-2DR	D	19" (48.3cm) Rackmount Cable Manager	2	3.50" (8.9cm)	6 lbs (2.7kg)	48.69	47.72	45.77	36.52
HCM-2DV	E	19" (48.3cm) Rackmount Cable Manager with End Rings	2	3.50" (8.9cm)	3 lbs (1.4kg)	42.77	41.91	40.20	32.08
PHCM-1-2	A	Plastic Finger Horizontal Cable Manager	1	1.75" (4.4cm)	1 lb (0.5kg)	27.82	27.26	26.15	20.87
PHCM-1-2-P4	A	Plastic Finger Horizontal Cable Manager - 4 Pack	1	1.75" (4.4cm)	4 lbs (1.8kg)	105.18	103.08	98.87	78.89
PHCM-1-4	A	Plastic Finger Horizontal Cable Manager	1	1.75" (4.4cm)	1.2 lbs (0.5kg)	30.26	29.65	28.44	22.70
PHCM-1-4-P4	A	Plastic Finger Horizontal Cable Manager - 4 Pack	1	1.75" (4.4cm)	4.8 lbs (2.2kg)	115.56	113.25	108.63	86.67
PHCM-2-3	A	Plastic Finger Horizontal Cable Manager	2	3.50" (8.9cm)	1.5 lbs (0.7kg)	34.65	33.96	32.57	25.99
PHCM-2-3-P4	A	Plastic Finger Horizontal Cable Manager - 4 Pack	2	3.50" (8.9cm)	6 lbs (2.7kg)	132.31	129.66	124.37	99.23

RoHS Rackmount Cable Lacing Bars

Horizontal Cable Lacing Bars provide users with a simple method for managing cables horizontally on a rack. All lacing bars are sold in packages of ten.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
LBP-1R	C	19" (48.3cm) Rackmount Lacing Bar Round, Pkg/10			2.65 lbs (1.2kg)	58.51	57.34	55.00	43.88
LBP-1S	C	19" (48.3cm) Rackmount Lacing Bar Rectangular, Pkg/10			2.2 lbs (1.0kg)	58.51	57.34	55.00	43.88
LBP-1R4	C	19" (48.3cm) Rackmount Lacing Bar Round with 4" (10.2cm) Offset, Pkg/10			3 lbs (1.4kg)	93.62	91.75	88.00	70.22
LBP-1A	C	19" (48.3cm) Rackmount Lacing Bar 'L' Shaped with Cable Tie Slots, Pkg/10			2.35 lbs (1.1kg)	37.46	36.71	35.21	28.09
LBP-6A	C	19" (48.3cm) Rackmount Lacing Bar 'L' Shaped with Cable Tie Slots Pkg/10			4.10 lbs (1.9kg)	81.17	79.55	76.30	60.88
LBP-1.5	C	Rackmount Lacing Bar Round with 1.5" (3.8cm) Offset, Pkg/10			2.75 lbs (1.3kg)	84.27	82.58	79.21	63.20
LBP-1R05	C	Rackmount Lacing Bar Round with 1.5" (3.8cm) Offset, Pkg/10			2.75 lbs (1.3kg)	84.27	82.58	79.21	63.20
LBP-2A	C	Rackmount Lacing Bar 'L' Shaped with 2" (5.1cm) Offset, Pkg/10			3 lbs (1.4kg)	64.24	62.96	60.39	48.18
LBP-4A	C	Rackmount Lacing Bar 'L' Shaped with 4" (10.2cm) Offset, Pkg/10			5 lbs (2.3kg)	71.44	70.01	67.15	53.58

RoHS Hinged Covered Cable Managers

These panels are made from the highest quality materials to provide a strong yet attractive method for keeping cables organized and properly routed through a rack. Each panel features front mounted D-rings to support cables. All panels feature a durable black powder coat finish.

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
HHCM-1	B	Hinged Horizontal Cable Manager	1	1.75" (4.4cm)	2 lbs (0.9kg)	48.66	47.69	45.74	36.49
HHCM-2	B	Hinged Horizontal Cable Manager	2	3.50" (8.9cm)	3.5 lbs (1.6kg)	54.83	53.73	51.54	41.12

RoHS 19" (48.3cm) Rack Accessories - 10-32 and 12-24 Mounting Screws

Item #	Code	Description	Spaces	Height	Shipping Weight	1-9	10-24	25-99	100-249
HP24		12-24 Mounting Screws and Nylon Washer, Pkg/100			1 lb (0.5kg)	26.73	26.20	25.13	20.05
HP32		10-32 Mounting Screws and Nylon Washer, Pkg/100			1 lb (0.5kg)	22.71	22.26	21.35	17.03
HP32-500		10-32 Mounting Screws and Washer, Pkg/500			4 lbs (1.8kg)	107.83	105.67	101.36	80.87

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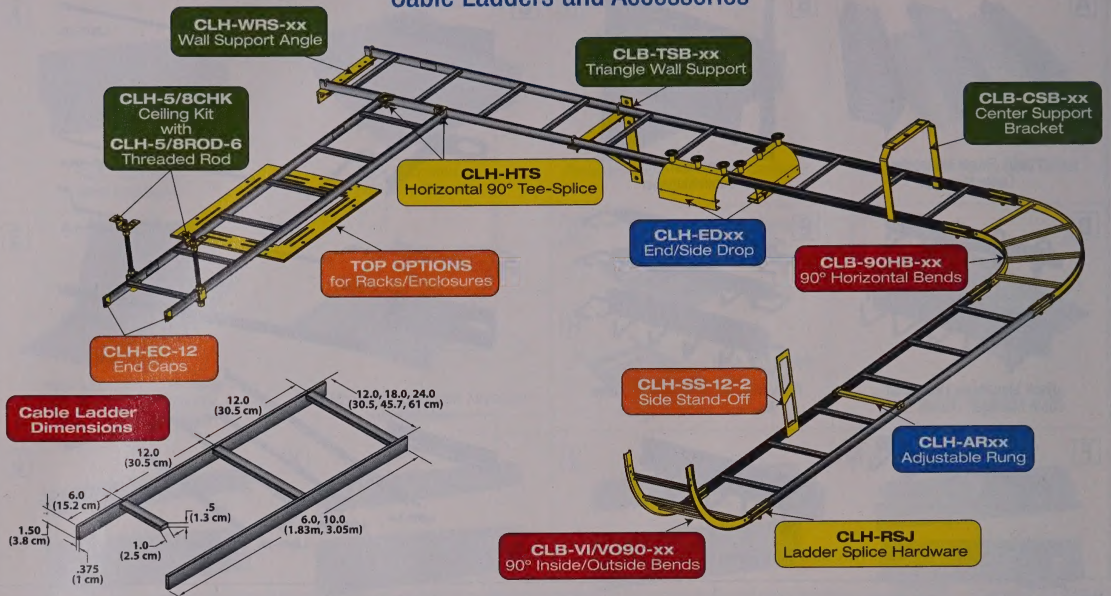
Cable Ladders and Accessories



Item #	Description	1-9	10-24	25-99	100-249
RoHS 12 Inch (30.5cm) Wide Cable Ladders					
CLB-6	6 foot (1.83m) Long Straight Ladder Section, Black	75.67	74.16	71.13	56.75
CLB-10	10 foot (3.05m) Long Straight Ladder Section, Black	121.10	118.68	113.83	90.82
CLB-90HB	90° Horizontal Bend, Black	139.26	136.47	130.90	104.44
CLB-VI90	90° Vertical Inside Bend, Black	115.02	112.72	108.12	86.27
CLB-VO90	90° Vertical Outside Bend, Black	115.02	112.72	108.12	86.27
RoHS 12 Inch (30.5cm) Wide Bulk Pack Cable Ladders					
CLB-6-12	6 foot (1.83m) Long Straight Ladder Section, Black, 12 Pack	851.42	834.39	800.33	638.56
CLB-10-12	10 foot (3.05m) Long Straight Ladder Section, Black, 12 Pack	1362.25	1335.00	1280.51	1021.69
CLB-90HB-4	90° Horizontal Bend, Black, 4 Pack	522.20	511.76	490.87	391.65
CLB-VI90-4	90° Vertical Inside Bend, Black, 4 Pack	431.41	422.78	405.53	323.56
CLB-VO90-4	90° Vertical Outside Bend, Black, 4 Pack	431.41	422.78	405.53	323.56
RoHS 18 Inch (45.7cm) Wide Cable Ladders					
CLB-6-W18	6 foot (1.83m) Long Straight Ladder Section, Black	111.16	108.94	104.49	83.37
CLB-10-W18	10 foot (3.05m) Long Straight Ladder Section, Black	151.02	148.00	141.96	113.27
CLB-90HB-W18	90° Horizontal Bend, Black	165.70	162.39	155.76	124.27
CLB-VI90-W18	90° Vertical Inside Bend, Black	144.74	141.85	136.06	108.56
CLB-VO90-W18	90° Vertical Outside Bend, Black	144.74	141.85	136.06	108.56
RoHS 24 Inch (61cm) Wide Cable Ladders					
CLB-6-W24	6 foot (1.83m) Long Straight Ladder Section, Black	130.05	127.45	122.25	97.54
CLB-10-W24	10 foot (3.05m) Long Straight Ladder Section, Black	169.90	166.50	159.71	127.43
CLB-90HB-W24	90° Horizontal Bend, Black	172.00	168.56	161.68	129.00
CLB-VI90-W24	90° Vertical Inside Bend, Black	155.21	152.11	145.90	116.41
CLB-VO90-W24	90° Vertical Outside Bend, Black	155.21	152.11	145.90	116.41
RoHS 12 Inch (30.5cm) Wall Ceiling Mounts (also available in Bulk Packs)					
CLB-CSB	Center Support Bracket	36.34	35.61	34.16	27.26
CLB-TSB	Triangle Wall Support Bracket	48.45	47.48	45.54	36.34
CLH-WRS	Ladder Wall Support Angle	32.83	32.17	30.86	24.62
CLH-58CHK	.625 inch (1.6cm) Slotted Ceiling Kit, Fits All Widths	23.94	23.46	22.50	17.96
CLH-5-8ROD-12-4	12 inch (30.5cm) Long Section .625 inch (1.6cm) Threaded Rod, 4 pieces	28.21	27.65	26.52	21.16
CLH-5-8ROD-6	6 inch (15.2cm) Long Section .625 inch (1.6cm) Threaded Rod, 1 piece	43.19	42.33	40.60	32.39
CLH-RES	Ladder End Support Hardware, Fits All Widths	33.30	32.63	31.30	24.97
CLH-RWC	Ladder Wall Clamp, Fits all Widths	21.19	20.77	19.92	15.89
RoHS 18 Inch (45.7cm) Wall Ceiling Mounts					
CLB-CSB-W18	Center Support Bracket	77.61	76.06	72.95	58.21
CLB-TSB-W18	Triangle Wall Support Bracket	67.11	65.77	63.08	50.33
CLH-WRS-W18-W24	Ladder Wall Support Angle	44.08	43.20	41.44	33.06
RoHS 24 Inch (61cm) Wall Ceiling Mounts					
CLB-CSB-W24	Center Support Bracket	102.79	100.73	96.62	77.09
CLB-TSB-W24	Triangle Wall Support Bracket	81.80	80.16	76.89	61.35
CLH-WRS-W18-W24	Ladder Wall Support Angle	44.08	43.20	41.44	33.06

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Single, Two, Three or Four Panel DIN Rail Termination Enclosure - For Easy Cable Mounting at the Workplace

Use this simple enclosure for terminating fiber cabling within industrial workplaces or anyplace that needs a small cable drop. The unit mounts to 35mm DIN Rail allowing cable entry from the top. The DIN connector is also removable for mounting to walls, etc. FSP Series Sub-Panels mount to the front of the enclosure for quick and easy cable termination. Built from .060 inch (16 ga) Cold Rolled Steel. Color: black.

Item #	Description	List Price
FSP-1DIN	DIN Rail/Wall Mount Termination Enclosure for 1 FSP Series Sub-Panel	57.98
FSP-2DIN	DIN Rail/Wall Mount Termination Enclosure for 2 FSP Series Sub-Panels	64.98
FSP-3DIN	DIN Rail/Wall Mount Termination Enclosure for 3 FSP Series Sub-Panels	71.98
FSP-4DIN	DIN Rail/Wall Mount Termination Enclosure for 4 FSP Series Sub-Panels	78.98

RoHS 19" (48.3cm) Rack Panels Accept 3, 6 or 12 FSP Series Sub-Panels

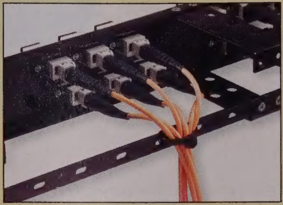
This series of 19" (48.3cm) rack panels accepts any of our FSP Series Sub-Panels. They snap into place using push button rivets which allow for easy installation or removal of the sub-panels. Built from .060 inch (16 ga) cold rolled steel, these panels are rugged and economically priced. Rear cable management option is available as an accessory. Color: black.

Item #	Description	1-9	10-24	25-99	100-249
PR175-FSP-3	1.75" (1U) (4.4cm) Rack Panel for 3 FSP Series Sub-Panels	39.95	36.75	33.56	30.36
PR35-FSP-6	3.50" (2U) (8.9cm) Rack Panel for 6 FSP Series Sub-Panels	49.95	45.95	41.96	37.96
PR525-FSP-12	5.25" (3U) (13.3cm) Rack Panel for 12 FSP Series Sub-Panels	59.95	55.15	50.36	45.56
PR-CMB	Cable Management Bracket Kit for 19" (48.3cm) Panels One 19" (48.3cm) Crossbar, 6 Management Brackets, 18 Flathead Screws)	24.95	24.45	23.95	23.45

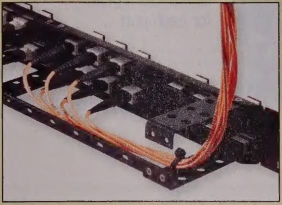
Tip

The PR-CMB cable management kit is designed for maximum flexibility.

A unique extension and crossbar design permits side and rear cable routing. All surfaces are perforated for ample cable tie points.



Rear Crossbar: Useful for reducing connector stress from hanging cable lengths.



Management Brackets: Enable cable routing and provide ample tie-down points.

RoHS Sub-Panels used to Populate FSP Series Patch Panels, FE & FSP DIN Rail Mount Enclosures

These versatile sub-panels are used to populate L-com's FE Series Wall Mount & Rack Mount Fiber Enclosures, FSP Series Rack Panels and FSP DIN-Rail Mount Enclosures. Offered in a variety of connector types in Simplex, Duplex and Quad configurations. Ceramic sleeve versions are primarily used in single mode applications while multimode applications typically utilize the bronze sleeve configuration. These units feature a black finish with snap on mounting for easy installation and removal.

Item #	Description	1-9	10-24	25-99	100-249
FSP-BNK	Blank Sub-Panel	11.98	11.50	11.02	10.54
FSP-SCMTLC-BNK	Blank Sub-Panel with 6 SC Simplex/MT-RJ/LC Duplex Openings	11.98	11.50	11.02	10.54
FSP-MTRJ	Fiber Sub-Panel, 6 MT-RJ Couplers	35.98	33.10	30.22	27.34
FSP-SC-APC	Fiber Sub-Panel, 6 APC SC Simplex Couplers, Ceramic Sleeve	71.98	66.22	60.46	54.70
FSP-LCD6-BR	Fiber Sub-Panel, 6 LC Duplex Couplers, Bronze Sleeve	39.98	36.78	33.58	30.38
FSP-LCD6-CR	Fiber Sub-Panel, 6 LC Duplex Couplers, Ceramic Sleeve	51.98	47.82	43.66	39.50
FSP-SC-BR	Fiber Sub-Panel, 6 SC Simplex Couplers, Bronze Sleeve	35.98	33.10	30.22	27.34
FSP-SC-CR	Fiber Sub-Panel, 6 SC Simplex Couplers, Ceramic Sleeve	44.98	41.38	37.78	34.18
FSP-STFC-BNK	Blank Sub-Panel with 6 ST/FC Simplex Openings	11.98	11.50	11.02	10.54
FSP-FC-APC	Fiber Sub-Panel, 6 APC FC Simplex Couplers, Ceramic Sleeve	101.98	93.82	85.66	77.50
FSP-FC-BR	Fiber Sub-Panel, 6 FC Couplers, Bronze Sleeve	53.98	49.66	45.34	41.02
FSP-FC-CR	Fiber Sub-Panel, 6 FC Couplers, Ceramic Sleeve	68.98	63.46	57.94	52.42
FSP-ST-BR	Fiber Sub-Panel, 6 ST Couplers, Bronze Sleeve	32.98	30.34	27.70	25.06
FSP-ST-CR	Fiber Sub-Panel, 6 ST Couplers, Ceramic Sleeve	47.98	44.14	40.30	36.46
FSP-SCDLCQ6-BNK	Blank Sub-Panel with 6 SC Duplex/LC Quad Openings	14.98	14.38	13.78	13.18
FSP-LCQ6-BR	Fiber Sub-Panel, 6 LC Quad Couplers, Bronze Sleeve	110.68	101.83	92.97	84.12
FSP-LCQ6-CR	Fiber Sub-Panel, 6 LC Quad Couplers, Ceramic Sleeve	134.68	123.91	113.13	102.36
FSP-SCD6-APC	Fiber Sub-Panel, 6 SC Duplex Couplers, Ceramic Sleeve	125.98	115.90	105.82	95.74
FSP-SCD6-BR	Fiber Sub-Panel, 6 SC Duplex Couplers, Bronze Sleeve	47.98	44.14	40.30	36.46
FSP-SCD6-CR	Fiber Sub-Panel, 6 SC Duplex Couplers, Ceramic Sleeve	62.98	57.94	52.90	47.86

RoHS Fiber Sub-Panel with 6 LC Keyed Multimode Couplers

These sub-panels are used to populate L-com's FE Series Wall Mount & Rack Mount Fiber Enclosures, FSP Series Rack Panels and FSP DIN-Rail Mount Enclosures. Secured, keyed, LC adapters are designed specifically for mission critical circuits where networks are segregated by color for identification and protected from accidental moves, adds, or changes. They offer mechanical network security for organizations desiring to segregate networks because of privacy or security concerns. Note: The couplers in these sub-panels are designed to only work with L-com's Keyed LC Patch Cords.

Item #	Description	1-9	10-24	25-99	100-249
FSP-LCK-MM-PNK	Fiber Panel, 6 LC Keyed Multimode, Pink	99.98	95.98	91.98	87.98
FSP-LCK-MM-WHT	Fiber Panel, 6 LC Keyed Multimode, White	99.98	95.98	91.98	87.98
FSP-LCK-MM-YLW	Fiber Panel, 6 LC Keyed Multimode, Yellow	99.98	95.98	91.98	87.98
FSP-LCK-MM-RED	Fiber Panel, 6 LC Keyed Multimode, Red	99.98	95.98	91.98	87.98
FSP-LCK-MM-ORG	Fiber Panel, 6 LC Keyed Multimode, Orange	99.98	95.98	91.98	87.98
FSP-LCK-MM-VLT	Fiber Panel, 6 LC Keyed Multimode, Violet	99.98	95.98	91.98	87.98
FSP-LCK-MM-GRY	Fiber Panel, 6 LC Keyed Multimode, Gray	99.98	95.98	91.98	87.98
FSP-LCK-MM-CBT	Fiber Panel, 6 LC Keyed Multimode, Cobalt	99.98	95.98	91.98	87.98
FSP-LCK-MM-BRN	Fiber Panel, 6 LC Keyed Multimode, Brown	99.98	95.98	91.98	87.98
FSP-LCK-MM-TRQ	Fiber Panel, 6 LC Keyed Multimode, Turquoise	99.98	95.98	91.98	87.98
FSP-LCK-MM-MAG	Fiber Panel, 6 LC Keyed Multimode, Magenta	99.98	95.98	91.98	87.98
FSP-LCK-MM-OLV	Fiber Panel, 6 LC Keyed Multimode, Olive	99.98	95.98	91.98	87.98

RoHS Plunger and Grommet Kit for FSP Series Sub-Panels - Pkg/50

Item #	Description	List Price
FSP-FASTENERS	Plunger and Grommet Kit for FSP Series Sub-Panels, Pkg/50	24.98

> "While visiting a client recently, I found your catalog on the shelf and read through it. I was impressed by the products offered and will suggest that referenced clients consider your offerings when network hardware is required. Thank you." - Vincent A.

FSP-1DIN

New

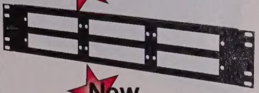
FSP-2DIN

FSP-3DIN

FSP-4DIN

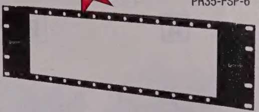
New

PR175-FSP-3

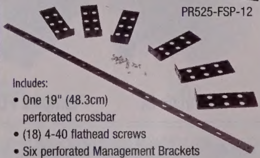


New

PR35-FSP-6



PR525-FSP-12



Includes:
- One 19" (48.3cm) perforated crossbar
- (18) 4-40 flathead screws
- Six perforated Management Brackets

PR-CMB

Fiber Sub-Panels

FSP-BNK

FSP-MTRJ

FSP-SC-BR
FSP-SC-CR

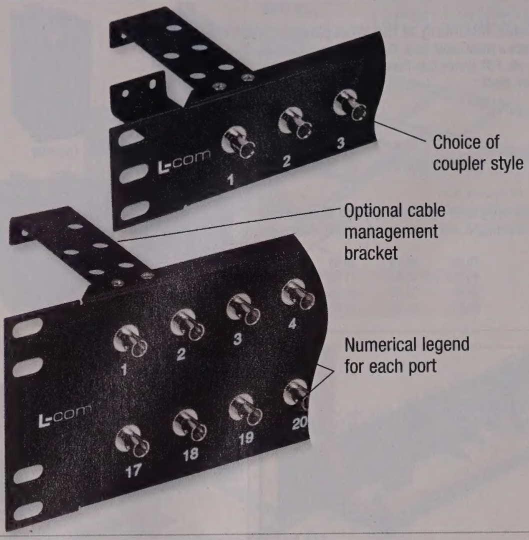
FSP-FC-BR
FSP-FC-CR

New

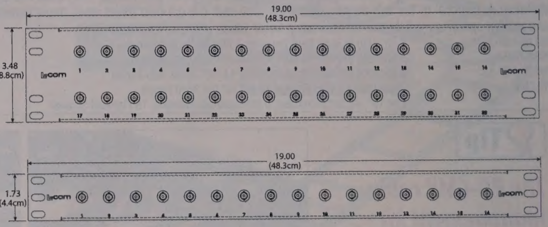
FSP-SCDLCQ6-BNK

FSP-SCD6-BR
FSP-SCD6-CR

FSP-LCK-MM-PNK


1
2
3
Choice of coupler style
Optional cable management bracket
Numerical legend for each port
1
2
3
4
17
18
19
20

System designers have a complete selection of panel configurations for fiber optic connections to choose from. Each panel features a numerical legend below each port. This allows users a fast and simple way to identify ports for their equipment. Our panels are made with .060 inch (16 ga) cold-rolled steel and finished with a durable black powder coat. An optional cable management bracket kit used on the rear of the panel gives a secure place to tie off cable bundles and prevent connector fatigue. Panels are available with ST, FC, SC, MTRJ, LC or MTP style couplers.



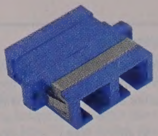
A

Simplex ST

B

Simplex FC

C

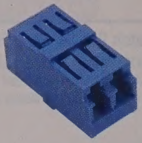


Duplex SC

D

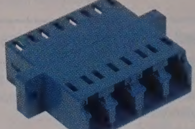
MTRJ

E



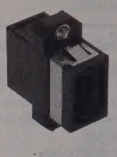
Duplex LC

F



Quad LC

G



MTP

Item #	Code	Description	Color	1-9	10-24	25-99	100-249
✓RoHS 19" (48.3cm) Fiber Optic Rack Panels							
PR175ST16CMB	A	1.75" (4.4cm) Panel, 16 Port, ST Multimode Couplers with Cable Management Bracket	Black	129.95	119.55	109.16	98.76
PR35ST32CMB	A	3.50" (8.9cm) Panel, 32 Port, ST Multimode Couplers with Cable Management Bracket	Black	189.00	173.88	158.76	143.64
PR175ST16CMB-SM	A	1.75" (4.4cm) Panel, 16 Port, ST Singlemode Couplers with Cable Management Bracket	Black	159.95	147.15	134.36	121.56
PR35ST32CMB-SM	A	3.50" (8.9cm) Panel, 32 Port, ST Singlemode Couplers with Cable Management Bracket	Black	239.00	219.88	200.76	181.64
UPR35-12STB	A	3.50" (8.9cm) Universal Rack Panel, 12 Port, ST Multimode Couplers	Black	114.98	110.38	105.78	101.18
UPR35-24STB	A	3.50" (8.9cm) Universal Rack Panel, 24 Port, ST Multimode Couplers	Black	149.95	143.95	137.95	131.96
PR175FC16CMB	B	1.75" (4.4cm) Panel, 16 Port, FC Multimode Couplers with Cable Management Bracket	Black	199.95	183.95	167.96	151.96
PR35FC32CMB	B	3.50" (8.9cm) Panel, 32 Port, FC Multimode Couplers with Cable Management Bracket	Black	332.90	306.27	279.64	253.00
PR175FC16CMB-SM	B	1.75" (4.4cm) Panel, 16 Port, FC Singlemode Couplers with Cable Management Bracket	Black	219.95	202.35	184.76	167.16
PR35FC32CMB-SM	B	3.50" (8.9cm) Panel, 32 Port, FC Singlemode Couplers with Cable Management Bracket	Black	352.95	324.71	296.48	268.24
PR175FC16CM-SMA	B	1.75" (4.4cm) Panel, 16 Port, FC (APC) Singlemode Couplers with Cable Management Bracket	Black	269.00	247.48	225.96	204.44
PR35DSC32C	C	3.50" (8.9cm) Panel, 64 Port, 32 Duplex SC Multimode Couplers	Black	269.00	258.24	247.48	236.72
PR35DSC32C-SM	C	3.50" (8.9cm) Panel, 64 Port, 32 Duplex SC Singlemode Couplers	Black	325.00	312.00	299.00	286.00
UPR35-6DSCB	C	3.50" (8.9cm) Universal Rack Panel, 12 Port, 6 Duplex SC Multimode Couplers	Black	129.98	124.78	119.58	114.38
UPR35-12DSCB	C	3.50" (8.9cm) Universal Rack Panel, 24 Port, 12 Duplex SC Multimode Couplers	Black	149.98	143.98	137.98	131.98
PR175MT16B	D	1.75" (4.4cm) Panel, 32 Port, 16 MTRJ Couplers	Black	99.00	97.02	95.04	93.06
PR175DLC16B	E	1.75" (4.4cm) Panel, 32 Port, 16 LC Duplex Multimode Couplers	Black	179.00	175.42	171.84	168.26
PR175DLCB16B	E	1.75" (4.4cm) Panel, 32 Port, 16 LC Duplex Singlemode Couplers	Black	104.98	102.88	100.78	98.68
PR175LC96	F	1.75" (4.4cm) Panel, 96 Port, 24 LC Quad Multimode Couplers	Black	259.00	253.82	248.64	243.46
PR175LC96-SM	F	1.75" (4.4cm) Panel, 96 Port, 24 LC Quad Singlemode Couplers	Black	489.00	479.22	469.44	459.66
PR175DLC24B	N/A	1.75" (4.4cm) Panel, 48 Port, 24 LC Duplex Multimode Couplers	Black	199.00	195.02	191.04	187.06
PR175DLC24B-SM	N/A	1.75" (4.4cm) Panel, 48 Port, 24 LC Duplex Singlemode Couplers	Black	325.00	318.50	312.00	305.50
PR17516MTP	G	1.75" (4.4cm) Panel, 16 MTP Couplers	Black	199.00	195.02	191.04	187.06
PR-CMB	N/A	Cable Management Bracket Kit for most L-com 19" (48.3cm) Panels Kit Contains: (Qty: 6) Extension Brackets, (Qty: 1) 19" Crossbar, (Qty: 18) Flathead Screws		24.95	24.45	23.95	23.45

L-com® Global Connectivity

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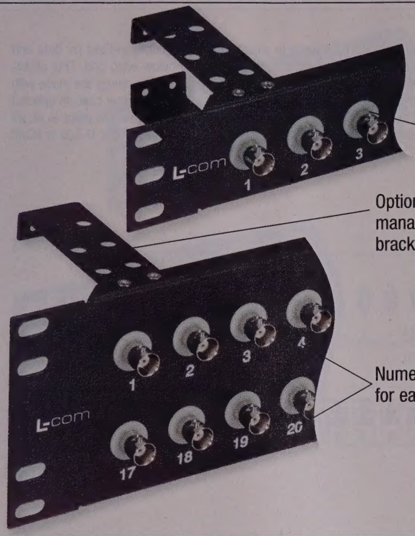
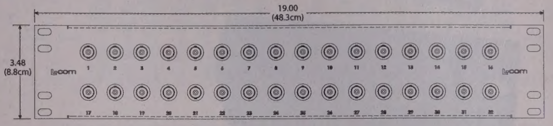
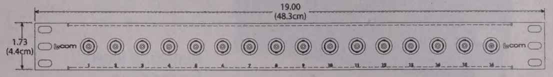

Choice of .5" (1.3cm) or .375" (0.1cm) D-holes
Optional cable management bracket
Numerical legend for each port
L-com

A complete selection of panel configurations for coaxial connections is available to system designers. Each panel features a numerical legend below each port. This allows users a fast and simple way to identify ports for their equipment. Our panels are made with .060 inch (16 ga) cold-rolled steel and finished with a durable black powder coat. An optional cable management bracket kit used on the rear of the panel gives a secure place to tie off cable bundles and prevent connector fatigue. Panels are available with BNC, Type F, RCA, HDMI or DVI style couplers.





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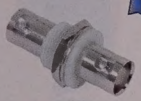
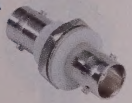


50 Ohm BNC Insulated

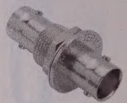
B

Best Seller



75 Ohm BNC Insulated

C



Auto-Terminating 50 Ohm BNC

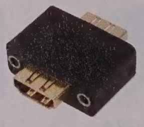
D

Type F

E

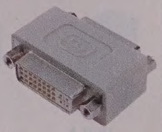
RCA

F



HDMI

G



DVI

Item #	Code	Description	Color	1-9	10-24	25-99	100-249
RoHS 19" (48.3cm) Coaxial Rack Panels							
PR175-16BLK	N/A	1.75" (4.4cm) Panel, 16 0.5" (1.3cm) D-Holes	Black	24.95	24.45	23.95	23.45
PR175-16CMB	N/A	1.75" (4.4cm) Panel, 16 0.5" (1.3cm) D-Holes and Cable Minder	Black	37.95	37.19	36.43	35.67
PR35-32BLK	N/A	3.50" (8.9cm) Panel, 32 0.5" (1.3cm) D-Holes	Black	29.95	29.35	28.75	28.15
PR35-32CMB	N/A	3.50" (8.9cm) Panel, 32 0.5" (1.3cm) D-Holes and Cable Minder	Black	49.95	45.95	41.96	37.96
PR175B16BLK	A	1.75" (4.4cm) Panel, 16 BNC Couplers, 50 Ohm Insulated	Black	99.95	91.95	83.96	75.96
PR35B32BLK	A	3.50" (8.9cm) Panel, 32 BNC Couplers, 50 Ohm Insulated	Black	179.95	165.55	151.16	136.76
PR175B1675BLK	B	1.75" (4.4cm) Panel, 16 BNC Couplers, 75 Ohm Insulated	Black	109.95	101.15	92.36	83.56
PR35B3275BLK	B	3.50" (8.9cm) Panel, 32 BNC Couplers, 75 Ohm Insulated	Black	209.95	193.15	176.36	159.56
PR175B16CMB	A	1.75" (4.4cm) Panel, 16 BNC Couplers, Insulated with Cable Minder	Black	119.95	110.35	100.76	91.16
PR35B32CMB	A	3.50" (8.9cm) Panel, 32 BNC Couplers, Insulated with Cable Minder	Black	199.95	183.95	167.96	151.96
PR175BX16GBLK	C	1.75" (4.4cm) Panel, 16 BNC Auto-Terminating Couplers, 50 Ohm	Black	129.00	118.68	108.36	98.04
PR35BX32GBLK	C	3.50" (8.9cm) Panel, 32 BNC Auto-Terminating Couplers, 50 Ohm	Black	229.95	211.55	193.16	174.76
PR175F16	D	1.75" (4.4cm) Panel, 16 Type F Couplers, Insulated	Black	79.95	73.55	67.16	60.76
PR35F32	D	3.50" (8.9cm) Panel, 32 Type F Couplers, Insulated	Black	99.95	91.95	83.96	75.96
RoHS 19" (48.3cm) Audio/Video Rack Panels							
PR175RCA16	E	1.75" (4.4cm) Panel, 16 RCA Couplers, Grounded	Black	89.95	88.15	86.35	84.55
PR35RCA32	E	3.50" (8.9cm) Panel, 32 RCA Couplers, Grounded	Black	149.95	146.95	143.95	140.95
PR175HDMI16B	F	1.75" (4.4cm) Panel, 16 HDMI Female Couplers	Black	198.98	183.06	167.14	151.22
PR35HDMI32B	F	3.50" (8.9cm) Panel, 32 HDMI Female Couplers	Black	298.98	275.06	251.14	227.22
PR35DVIFB	G	3.50" (8.9cm) Panel, 16 DVI Female Adapters	Black	159.00	155.82	152.64	149.46
PR-CMB	N/A	Cable Management Bracket Kit for most L-com 19" (48.3cm) Panels Kit Contains: (Qty: 6) Extension Brackets, (Qty: 1) 19" Crossbar, (Qty: 18) Flathead Screws		24.95	24.45	23.95	23.45

Tip ***What is Impedance?*** Impedance is a measurement of opposition to the flow of current within a cable. Two of the most common impedance values used in coaxial cable are 50 Ohms primarily used for data transmission and 75 Ohms primarily used for video transmission. In twisted pair cable, common impedance values are 100 and 120 Ohms.

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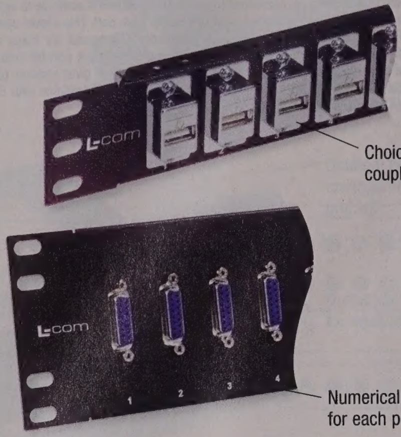
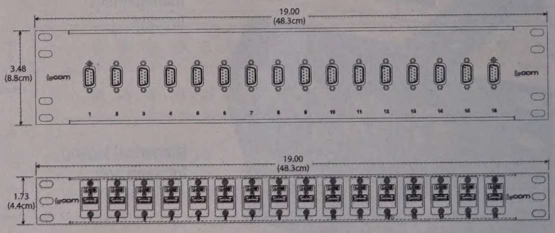


Choice of coupler style

Numerical legend for each port

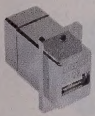
L-com offers system designers a complete selection of panel configurations for data and serial connections. Each panel features a numerical legend below each port. This allows users a fast and simple way to identify ports for their equipment. Our panels are made with .060 inch (16 ga) cold-rolled steel and finished with a durable black powder coat. An optional cable management bracket kit used on the rear of the panel gives a secure place to tie off cable bundles and prevent connector fatigue. Panels are available with USB, D-Sub or HDMI style couplers.



A

USB A

B



USB A Shielded

C

DB9

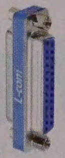
D

HD15

E

DB15

F



DB25

G

DB37

H

HDMI

Item #	Code	Description	Color	1-9	10-24	25-99	100-249
✓RoHS 19" (48.3cm) D-Sub, USB, HDMI Rack Panels							
PR175F504-UAB	A	1.75" (4.4cm) Panel, 16 USB A/B Couplers	Black	119.95	110.35	100.76	91.16
PR35F504-UAB	A	3.50" (8.9cm) Panel, 32 USB A/B Couplers	Black	199.95	183.95	167.96	151.96
PR175F504-UABS	B	1.75" (4.4cm) Panel, 16 Shielded USB A/B Couplers	Black	129.95	119.55	109.16	98.76
PR35F504-UABS	B	3.50" (8.9cm) Panel, 32 Shielded USB A/B Couplers	Black	229.95	211.55	193.16	174.76
PR175DS916B	N/A	1.75" (4.4cm) Panel, 16 DB9/HD15/HDMI Cutouts	Black	52.98	48.74	44.50	40.26
PR35DS932B	N/A	3.50" (8.9cm) Panel, 32 DB9/HD15/HDMI Cutouts	Black	55.98	51.50	47.02	42.54
PR35DS1516B	N/A	3.50" (8.9cm) Panel, 16 DB15/HD26/DVI Cutouts	Black	29.95	29.35	28.75	28.15
PR35DS2516B	N/A	3.50" (8.9cm) Panel, 16 DB25/HD44 Cutouts	Black	29.95	29.35	28.75	28.15
PR35DS3716B	N/A	3.50" (8.9cm) Panel, 16 DB37/HD62 Cutouts	Black	59.95	58.75	57.55	56.35
PR175GB9FB	C	1.75" (4.4cm) Panel, 16 DB9 Female Couplers	Black	114.98	105.78	96.58	87.38
PR35GB932B	C	3.50" (8.9cm) Panel, 32 DB9 Female Couplers	Black	178.98	164.66	150.34	136.02
UPR35-2DB9FB	C	3.50" (8.9cm) Panel, 12 DB9 Female Couplers	Black	119.95	112.75	105.56	98.36
PR175HD1516B	D	1.75" (4.4cm) Panel, 16 HD15 Female Couplers	Black	124.98	114.98	104.98	94.98
PR35HD1532B	D	3.50" (8.9cm) Panel, 32 HD15 Female Couplers	Black	194.98	179.38	163.78	148.18
PR35GB15FB	E	3.50" (8.9cm) Panel, 16 DB15 Female Couplers	Black	124.95	114.95	104.96	94.96
PR35GB25FB	F	3.50" (8.9cm) Panel, 16 DB25 Female Couplers	Black	139.95	128.75	117.56	106.36
PR35GB37FB	G	3.50" (8.9cm) Panel, 16 DB37 Female Couplers	Black	173.50	159.62	145.74	131.86
PR175HDMI16B	H	1.75" (4.4cm) Panel, 16 HDMI Female Couplers	Black	198.98	183.06	167.14	151.22
PR35HDMI32B	H	3.50" (8.9cm) Panel, 32 HDMI Female Couplers	Black	298.98	275.06	251.14	227.22
PR-CMB	N/A	Cable Management Bracket Kit for most L-com 19" (48.3cm) Panels Kit Contains: (Qty: 6) Extension Brackets, (Qty: 1) 19" Crossbar, (Qty: 18) Flathead Screws		24.95	24.45	23.95	23.45

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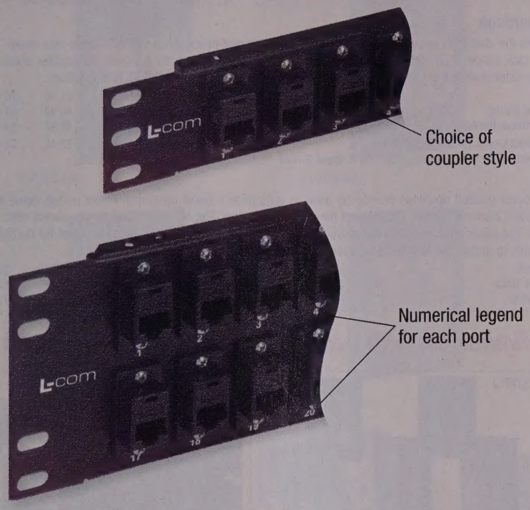
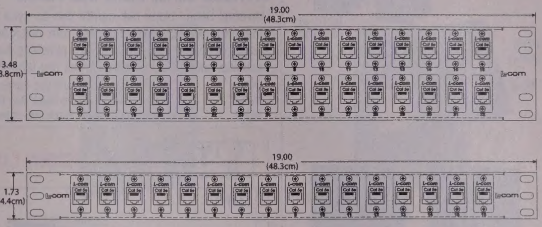


L-com offers system designers a complete selection of panel configurations for telecom connections. Each panel features a numerical legend below each port allowing users a fast and simple way to identify ports for their equipment. Our panels are made with .060 inch (16 ga) cold-rolled steel and finished with a durable black powder coat. An optional cable management bracket kit used on the rear of the panel gives a secure place to tie off cable bundles and prevent connector fatigue. Panels are available with RJ11/12 or RJ45 style couplers.



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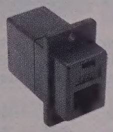
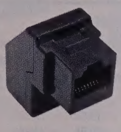


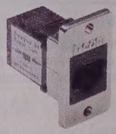
RJ11/12, RJ45

B



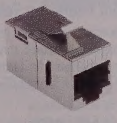
RJ45

C



RJ45

D



RJ45

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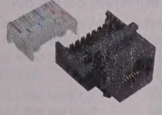
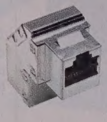


RJ11/12, RJ45

F



RJ45

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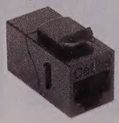

RJ45

Item #	Code	Description	Color	1-9	10-24	25-99	100-249
☑RoHS **19" (48.3cm) Telecom/Network Rack Panels**							
PR175F504B-4S	A	1.75" (4.4cm) Panel, 16 RJ11 (6x4) Couplers, Straight-Thru	Black	74.95	68.95	62.96	56.96
PR175F504B-6S	A	1.75" (4.4cm) Panel, 16 RJ12 (6x6) Couplers, Straight-Thru	Black	82.95	76.31	69.68	63.04
PR175F504B-8SK	A	1.75" (4.4cm) Panel, 16 RJ45 (8x8) Couplers, Straight-Thru	Black	89.95	82.75	75.56	68.36
PR35F504B-4S	A	3.50" (8.9cm) Panel, 32 RJ11 (6x4) Couplers, Straight-Thru	Black	129.95	119.55	109.16	98.76
PR35F504B-6S	A	3.50" (8.9cm) Panel, 32 RJ12 (6x6) Couplers, Straight-Thru	Black	144.95	133.35	121.76	110.16
PR35F504B-8SK	A	3.50" (8.9cm) Panel, 32 RJ45 (8x8) Couplers, Straight-Thru	Black	169.95	156.35	142.76	129.16
PR175F504B-C5	C	1.75" (4.4cm) Panel, 16 Cat. 5E Couplers	Black	169.95	163.15	156.35	149.56
PR175F504B-SC5	C	1.75" (4.4cm) Panel, 16 Cat. 5E Couplers, Shielded	Black	229.95	220.75	211.55	202.36
PR175F504B-C6	C	1.75" (4.4cm) Panel, 16 Cat. 6 Couplers	Black	199.95	191.95	183.95	175.96
PR175F504B-SC6	C	1.75" (4.4cm) Panel, 16 Cat. 6 Couplers, Shielded	Black	249.95	239.95	229.95	219.96
PR35F504B-C5	C	3.50" (8.9cm) Panel, 32 Cat. 5E Couplers	Black	319.95	307.15	294.35	281.56
PR35F504B-SC5	C	3.50" (8.9cm) Panel, 32 Cat. 5E Couplers, Shielded	Black	399.95	383.95	367.95	351.96
PR35F504B-C6	C	3.50" (8.9cm) Panel, 32 Cat. 6 Couplers	Black	349.95	335.95	321.95	307.96
PR35F504B-SC6	C	3.50" (8.9cm) Panel, 32 Cat. 6 Couplers, Shielded	Black	429.95	412.75	395.55	378.36
PR175F504B	N/A	1.75" (4.4cm) Panel, 16 ECF Style Cutouts	Black	39.95	39.15	38.35	37.55
PR35F504B	N/A	3.50" (8.9cm) Panel, 32 ECF Style Cutouts	Black	39.95	39.15	38.35	37.55
PR175UT568	B	1.75" (4.4cm) Panel, 16 Cat. 5E Couplers	Black	179.95	165.55	151.16	136.76
PR175UT568S	F	1.75" Panel, 16 Cat. 5E Couplers, Shielded	Black	199.95	183.95	167.96	151.96
PR35UT568	B	3.50" (8.9cm) Panel, 32 Cat. 5E Couplers	Black	299.95	275.95	251.96	227.96
PR35UT568S	F	3.50" (8.9cm) Panel, 32 Cat. 5E Couplers, Shielded	Black	379.95	349.55	319.16	288.76
PR175C6-16	G	1.75" (4.4cm) Panel, 16 Cat. 6 Couplers	Black	189.95	174.75	159.56	144.36
PR175C6-16S	D	1.75" (4.4cm) Panel, 16 Cat. 6 Couplers, Shielded	Black	239.95	220.75	201.56	182.36
PR35C6-32	G	3.50" (8.9cm) Panel, 32 Cat. 6 Couplers	Black	319.95	294.35	268.76	243.16
PR35C6-32S	D	3.50" (8.9cm) Panel, 32 Cat. 6 Couplers, Shielded	Black	369.95	340.35	310.76	281.16
PR175UJ16B	N/A	1.75" (4.4cm) Panel, 16 Keystone Style Cutouts	Black	29.95	27.55	25.16	22.76
PR35UT568B	N/A	3.50" (8.9cm) Panel, 32 Keystone Style Cutouts	Black	39.95	36.75	33.56	30.36
PR175-1606	E	1.75" (4.4cm) Panel, 16 Voice Grade RJ12 (6x6) IDC Jacks	Black	59.00	54.28	49.56	44.84
PR175-1608	E	1.75" (4.4cm) Panel, 16 Voice Grade RJ45 (8x8) IDC Jacks	Black	114.98	105.78	96.58	87.38
PR35-3206	E	3.50" (8.9cm) Panel, 32 Voice Grade RJ12 (6x6) IDC Jacks	Black	79.00	72.68	66.36	60.04
PR35-3208	E	3.50" (8.9cm) Panel, 32 Voice Grade RJ45 (8x8) IDC Jacks	Black	149.98	137.98	125.98	113.98
PR-CMB	N/A	Cable Management Bracket Kit for most L-com 19" (48.3cm) Panels Kit Contains: (Qty: 6) Extension Brackets, (Qty: 1) 19" Crossbar, (Qty: 18) Flathead Screws		24.95	24.45	23.95	23.45

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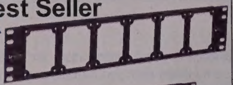
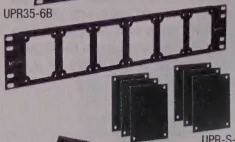
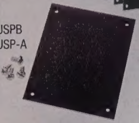
Best Seller



UPR35-6B



UPR-S-KIT
UPR-A-KIT

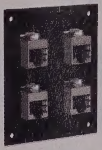


USPB
USP-A

USP2MC5B

USP4MC5B

USP2SMC5B



USP4SMC5B

USP2MC6B

USP4MC6B

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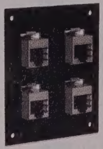


USP4SMC6B

USP2MK-C5B

USP4MK-C5B

Universal Master Rack Panel with 6 Openings

L-com's Universal Master Rack Series offers installers the ability to customize their installation with different connections within a single rack panel. The Universal Series panels can save time, money and rack space in an installation project. The master panels feature six punched rectangular openings that will accept any of the numerous USP Series sub-panels shown in this catalog. Sub-panel openings are 2.20" x 2.75" (5.6cm x 7.0cm).

Item #	Description	1-9	10-24	25-99	100-249	250-499
UPR35-6B	Master Rack Panel, Black	24.95	23.95	22.95	21.96	20.96
UPR-S-KIT	Master Rack Panel with 6 Black Steel Blanks	46.50	44.64	42.78	40.92	39.06
UPR-A-KIT	Master Rack Panel with 6 Black Aluminum Blanks	46.50	44.64	42.78	40.92	39.06
PR-CMB	Cable Management Bracket Kit for most L-com 19" (48.3cm) Panels Kit Contains: (Qty: 6) Extension Brackets, (Qty: 1) 19" Crossbar, (Qty: 18) Flathead Screws	24.95	24.45	23.95	23.45	22.95

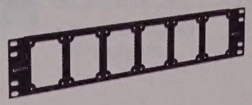
Universal Series Blank Sub-Panels

Universal Series blank sub-panels can be used to cover unused openings or may be used to customize a panel assembly. These panels come in 3 different styles for users to choose from: black anodized aluminum, white high impact plastic or black steel. The aluminum and plastic panels offer the easiest option for custom drilling or punching holes. The black steel panels are constructed of sturdy .060 inch (16 ga) cold rolled steel for durability. Each sub-panel is equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USPB	Universal Steel Blank Sub-Panel, Black	3.95	3.79	3.63	3.48	3.32
USP-A	Universal Aluminum Blank Sub-Panel, Black	3.95	3.79	3.63	3.48	3.32
USP-P	Universal Plastic Blank Sub-Panel, White	3.85	3.70	3.54	3.39	3.23

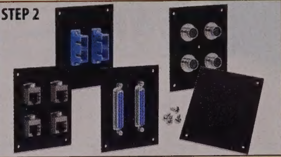
Tip ***Build Custom Configurations with L-com's Universal Rack Panel System***

STEP 1



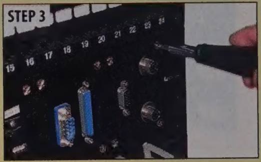
Start with the Master Rack Panel, UPR35-6B.

STEP 2



Now select a ready made sub-panel that works with your rack panel.

STEP 3



Using a Phillips or Flat screwdriver, install your sub-panels in the master rack panel.

☑RoHS Universal Series Sub-Panels Featuring Telecom/Network Grade Connections

This Universal sub-panel series offers connections for telecom and network equipment. Choose between Category 5E or Category 6 rated connections either shielded or non-shielded. Panel choices offer both feed-thru style couplers and jacks with 110 style punch terminations. Either 2 or 4 connections per panel can be chosen and blank panels are available for further customization. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP2MC5B	Sub-Panel with 2 Category 5E RJ45 Couplers	15.98	15.34	14.70	14.06	13.42
USP4MC5B	Sub-Panel with 4 Category 5E RJ45 Couplers	25.98	24.94	23.90	22.86	21.82
USP2SMC5B	Sub-Panel with 2 Category 5E RJ45 Couplers, Shielded	19.98	19.18	18.38	17.58	16.78
USP4SMC5B	Sub-Panel with 4 Category 5E RJ45 Couplers, Shielded	33.98	32.62	31.26	29.90	28.54
USP2MC6B	Sub-Panel with 2 Category 6 RJ45 Couplers	17.98	17.26	16.54	15.82	15.10
USP4MC6B	Sub-Panel with 4 Category 6 RJ45 Couplers	29.98	28.78	27.58	26.38	25.18
USP2SMC6B	Sub-Panel with 2 Category 6 RJ45 Couplers, Shielded	21.98	21.10	20.22	19.34	18.46
USP4SMC6B	Sub-Panel with 4 Category 6 RJ45 Couplers, Shielded	37.98	36.46	34.94	33.42	31.90
USP2MK-C5B	Sub-Panel with 2 Category 5E RJ45/110 Punch Connectors	11.98	11.50	11.02	10.54	10.06
USP4MK-C5B	Sub-Panel with 4 Category 5E RJ45/110 Punch Connectors	17.98	17.26	16.54	15.82	15.10
USP2MK-SC5B	Sub-Panel with 2 Category 5E RJ45/110 Punch Connectors, Shielded	15.98	15.34	14.70	14.06	13.42
USP4MK-SC5B	Sub-Panel with 4 Category 5E RJ45/110 Punch Connectors, Shielded	25.98	24.94	23.90	22.86	21.82
USP2MK-C6B	Sub-Panel with 2 Category 6 RJ45/110 Punch Connectors	21.98	21.10	20.22	19.34	18.46
USP4MK-C6B	Sub-Panel with 4 Category 6 RJ45/110 Punch Connectors	37.98	36.46	34.94	33.42	31.90
USP2MK-SC6B	Sub-Panel with 2 Category 6 RJ45/110 Punch Connectors, Shielded	17.98	17.26	16.54	15.82	15.10
USP4MK-SC6B	Sub-Panel with 4 Category 6 RJ45/110 Punch Connectors, Shielded	29.98	28.78	27.58	26.38	25.18
USP238B	Blank Sub-Panel with 2 Keystone Openings, Pre-Punched	5.95	5.71	5.47	5.24	5.00
USP231B	Blank Sub-Panel with 4 Keystone Openings, Pre-Punched	5.95	5.71	5.47	5.24	5.00

Universal Series Sub-Panel Mounted Cable D-Ring

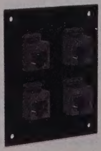
A D-Ring style cable manager mounted to a sub-panel allows a convenient way to secure cables on the rack panel.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP-CM134B	Sub-Panel with Mounted Cable D-Ring	16.95	16.27	15.59	14.92	14.24

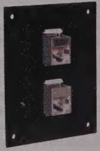
USP2MK-SC5B

USP4MK-SC5B

USP2MK-C6B

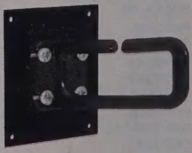


USP4MK-C6B



USP2MK-SC6B

USP4MK-SC6B



USP-CM134B

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We answer your technical questions
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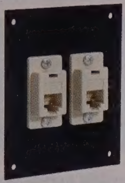
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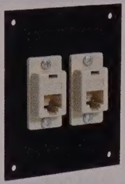
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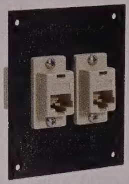
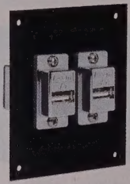
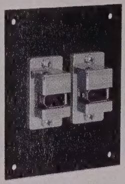

USP2ECF8SKB

USP2MB

USP2ECF-UABB


USP2ECF-UABSB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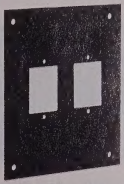
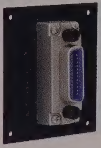

USP229B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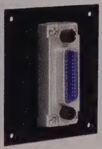
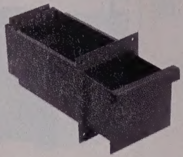
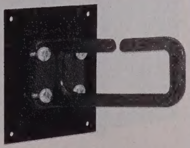

USP24BFRB

USP-GOAB

USP-GABX2
USP-GABX3

USP-BPRB


USP-D2B


USP-CM134B

✓RoHS Universal Series Sub-Panels Featuring Telecom, USB and Firewire Connections

This Universal sub-panel series offers connections for today's modern computer systems. Installers can choose the sub-panel that fits their specific connection needs. Panels come in a choice of feed-thru style couplers with either 2 or 4 connections per panel. A blank panel with ECF Series style openings is available for further customization. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP2ECF4SB	Sub-Panel with 2 RJ11 (6x4) Couplers, Straight Wired	13.98	13.42	12.86	12.30	11.74
USP2ECF6SB	Sub-Panel with 2 RJ12 (6x6) Couplers, Straight Wired	14.38	13.80	13.23	12.65	12.08
USP2ECF8SKB	Sub-Panel with 2 RJ45 (8x8) Couplers, Straight Wired	15.98	15.34	14.70	14.06	13.42
USP2MB	Sub-Panel with 2 RJ12 (6x6) Couplers, Straight Wired	10.30	9.89	9.48	9.06	8.65
USP4MB	Sub-Panel with 4 RJ12 (6x6) Couplers, Straight Wired	16.90	16.22	15.55	14.87	14.20
USP2ECF-UABB	Sub-Panel with 2 USB Type A to Type B Couplers	17.98	17.26	16.54	15.82	15.10
USP2ECF-UABSB	Sub-Panel with 2 USB Type A to Type B Couplers, Shielded	19.98	19.18	18.38	17.58	16.78
USP2ECF-94MSB	Sub-Panel with 2 Firewire Type 1 Couplers, Shielded	23.98	23.02	22.06	21.10	20.14
USP229B	Blank Sub-Panel with 2 ECF Style Openings, Pre-Punched	5.95	5.71	5.47	5.24	5.00

Universal Series Sub-Panels Featuring GPIB (IEEE-488) Couplers and Switch Boxes

This Universal sub-panel series offers couplers and switch boxes for IEEE-488 cabling installations. Panels come with either a standard GPIB coupler or a reverse entry style coupler mounted. We also carry a line of GPIB Switch Boxes that can be mounted into the Universal Series Master Frames. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP24BFB	Sub-Panel with 1 IEEE-488 (GPIB) Normal Entry Coupler	34.95	33.55	32.15	30.76	29.36
USP24BFRB	Sub-Panel with 1 IEEE-488 (GPIB) Reverse Entry Coupler	34.95	33.55	32.15	30.76	29.36
USP-GOAB	Switch Box, A to Rear I/O, B to Rear I/O, Off	77.00	73.92	70.84	67.76	64.68
USP-GABX2	Switch Box, A or B to Front I/O	77.00	73.92	70.84	67.76	64.68
USP-GABX3	Switch Box, A or B to Front I/O, A and B to Front I/O	77.00	73.92	70.84	67.76	64.68

Universal Series Sub-Panels Featuring Binding Post Connections for Test Applications

This Universal sub-panel series offers connections for test applications. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP-BPRB	Sub-Panel with Binding Post Pair, Black/Red	8.95	8.59	8.23	7.88	7.52

Universal Series Sub-Panel Accessories

Users can keep extra adapters handy with the optional drawer that fits into any one of the 6 Master Rack sub-panel openings. A D-Ring style cable manager mounted to a sub-panel is also available allowing for another convenient way to secure cables on the rack panel.

Item #	Description	1-9	10-24	25-99	100-249	250-499
USP-D2B	Sub-Panel Mounted Drawer, 6" (15.2cm) Depth	19.95	19.15	18.35	17.56	16.76
USP-CM134B	Sub-Panel Mounted Cable D-Ring	16.95	16.27	15.59	14.92	14.24

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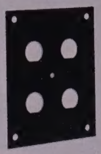
A

Blank with 1 0.5" (1.3cm) D-Hole (aluminum or steel)

B

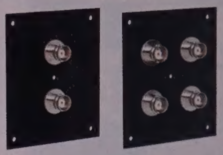
Blank with 2 0.5" (1.3cm) D-Holes (aluminum or steel)

C



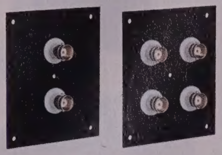
Blank with 4 0.5" (1.3cm) D-Holes (aluminum or steel)

D



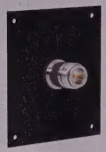
2 or 4 BNC Feed-Thru Couplers, Grounded

E



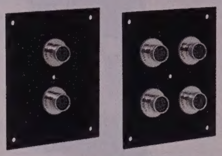
2 or 4 BNC Feed-Thru Couplers, Insulated

F



One Type N Feed-Thru Coupler

G



2 or 4 Mini DIN 6 Feed-Thru Couplers

H

2 or 3 RCA and Mini DIN 4 Couplers

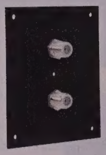
I

2 TNC Feed-Thru Couplers, Grounded

J

2 TNC Feed-Thru Couplers, Insulated

K



2 Type F Feed-Thru Couplers, Grounded

L

2 Type F Feed-Thru Couplers, Insulated

Universal Series Sub-Panels Featuring Coaxial and Mini DIN Couplers

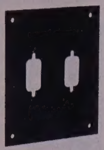
This Universal sub-panel series offers connections for data transmission over coaxial and DIN style connectors. Installers can choose the sub-panel that fits their specific connection needs. Panel choices offer feed-thru style couplers in either 2 or 4 connections per panel. Blank panels are also available for further customization. All panels come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Code	Description	1-9	10-24	25-99	100-249	250-499
USP-A1	A	Blank Sub-Panel with 1 0.5" (1.3cm) D-Hole, Black Aluminum	4.95	4.75	4.55	4.36	4.16
USP-A2	B	Blank Sub-Panel with 2 0.5" (1.3cm) D-Holes, Black Aluminum	4.95	4.75	4.55	4.36	4.16
USP-A4	C	Blank Sub-Panel with 4 0.5" (1.3cm) D-Holes, Black Aluminum	4.95	4.75	4.55	4.36	4.16
USP221B	A	Blank Sub-Panel with 1 0.5" (1.3cm) D-Hole, Black Steel	4.95	4.75	4.55	4.36	4.16
USP222B	B	Blank Sub-Panel with 2 0.5" (1.3cm) D-Holes, Black Steel	4.95	4.75	4.55	4.36	4.16
USP224B	C	Blank Sub-Panel with 4 0.5" (1.3cm) D-Holes, Black Steel	4.95	4.75	4.55	4.36	4.16
USP2BB	D	Sub-Panel with 2 BNC Couplers	13.95	13.39	12.83	12.28	11.72
USP4BB	D	Sub-Panel with 4 BNC Couplers	21.95	21.07	20.19	19.32	18.44
USP2BDB	E	Sub-Panel with 2 BNC Couplers, Insulated	14.95	14.35	13.75	13.16	12.56
USP4BDB	E	Sub-Panel with 4 BNC Couplers, Insulated	24.95	23.95	22.95	21.96	20.96
USP1NB	F	Sub-Panel with 1 Type N Coupler	19.95	19.15	18.35	17.56	16.76
USP2MD6B	G	Sub-Panel with 2 Mini DIN 6 Couplers	22.98	22.06	21.14	20.22	19.30
USP4MD6B	G	Sub-Panel with 4 Mini DIN 6 Couplers	39.98	38.38	36.78	35.18	33.58
USP2RCAB	H	Sub-Panel with 2 RCA Couplers, Red/White	12.98	12.46	11.94	11.42	10.90
USP3RCAB	H	Sub-Panel with 3 RCA Couplers, Yellow/Red/White	15.98	15.34	14.70	14.06	13.42
USP3RCA-CB	H	Sub-Panel with 3 RCA Couplers, Green/Blue/Red	15.98	15.34	14.70	14.06	13.42
USP1SVID2RCAB	H	Sub-Panel with 1 Mini DIN 4 and 2 RCA Couplers	20.98	20.14	19.30	18.46	17.62
USP2TB	I	Sub-Panel with 2 TNC Couplers	14.98	14.38	13.78	13.18	12.58
USP2TDB	J	Sub-Panel with 2 TNC Couplers, Insulated	16.98	16.30	15.62	14.94	14.26
USP2FB	K	Sub-Panel with 2 Type F Couplers	8.98	8.62	8.26	7.90	7.54
USP2FDB	L	Sub-Panel with 2 Type F Couplers, Insulated	10.98	10.54	10.10	9.66	9.22

L-com Global Connectivity

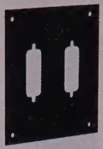
Tips
Easy-to-understand tips to help with some of today's popular product applications. L-com.com/Tips

A



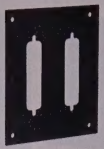
Blank with 2 DB9 or HD15 Openings

B



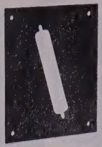
Blank with 2 DB15 or HD26 Openings

C



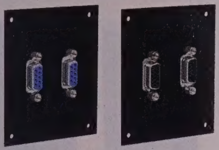
Blank with 2 DB25 or HD44 Openings

D



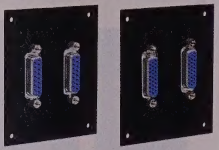
Blank with 1 DB37 or HD62 Opening

E



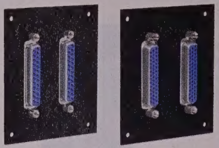
2 DB9 or HD15 Feed-Thru Couplers

F



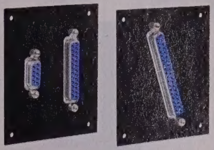
2 DB15 or HD26 Feed-Thru Couplers

G



2 DB25 or HD44 Feed-Thru Couplers

H

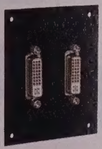


1 DB9 and 1 DB25 or 1 DB37 Feed-Thru Coupler

I

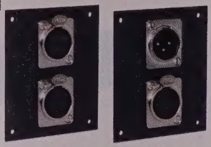
2 HDMI Couplers

J



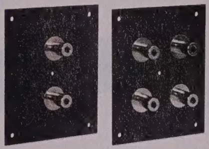
2 DVI Couplers

K



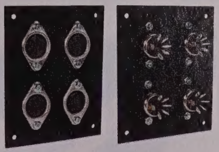
2 XLR Male, Female or Male/Female Couplers

L



2 or 4 3.5mm Audio Couplers

M



4 DIN 5 MIDI Couplers

☑RoHS Universal Series Sub-Panels Featuring D-Sub Connections

This Universal sub-panel series offers connections for D-Sub style cables. Installers can choose the sub-panel that fits their specific connection needs. Panel choices are available with up to 2 feed-thru style couplers per panel. Blank panels are available for further customization. All panels come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Code	Description	1-9	10-24	25-99	100-249	250-499
USP232B	A	Blank Sub-Panel with 2 DB9 / HD15 Cutouts	5.95	5.71	5.47	5.24	5.00
USP230B	B	Blank Sub-Panel with 2 DB15 / HD26 Cutouts	5.95	5.71	5.47	5.24	5.00
USP234B	C	Blank Sub-Panel with 2 DB25 / HD44 Cutouts	5.95	5.71	5.47	5.24	5.00
USP242B	D	Blank Sub-Panel with 1 DB37 / HD62 Cutout	5.95	5.71	5.47	5.24	5.00
USP2DB9FB	E	Sub-Panel with 2 DB9 Female Couplers	15.98	15.34	14.70	14.06	13.42
USP2HDB15FB	E	Sub-Panel with 2 HD15 Female Couplers	21.98	21.10	20.22	19.34	18.46
USP2DB15FB	F	Sub-Panel with 2 DB15 Female Couplers	17.98	17.26	16.54	15.82	15.10
USP2HDB26FB	F	Sub-Panel with 2 HD26 Female Couplers	23.98	23.02	22.06	21.10	20.14
USP2DB25FB	G	Sub-Panel with 2 DB25 Female Couplers	19.98	19.18	18.38	17.58	16.78
USP2HDB44FB	G	Sub-Panel with 2 HD44 Female Couplers	25.98	24.94	23.90	22.86	21.82
USP-DB9-25FB	H	Sub-Panel with 1 DB9 and 1 DB25 Female Coupler	17.98	17.26	16.54	15.82	15.10
USP-DB37FB	H	Sub-Panel with 1 DB37 Female Coupler	13.95	13.39	12.83	12.28	11.72

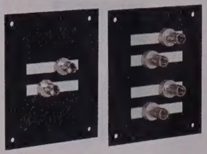
☑RoHS Audio/Video Sub-Panels

Design and build your own custom rack panel using simple pre-fabricated sub-panels. These steel sub-panels feature dual HDMI or DVI female couplers and have a black matte finish. Supplied with four 6-32 screws for quick installation into L-com's Universal Master Rack Frame.

Item #	Code	Description	1-9	10-24	25-99	100-249	250-499
USP2HDMIB	I	Sub-Panel with 2 HDMI Female Couplers	27.95	26.83	25.71	24.60	23.48
USP2DVIB	J	Sub-Panel with 2 DVI Female Couplers	35.98	34.54	33.10	31.66	30.22
USP2XLRM	K	Sub-Panel with 2 XLR Male Connectors	12.95	12.43	11.91	11.40	10.88
USP2XLRF	K	Sub-Panel with 2 XLR Female Connectors	12.95	12.43	11.91	11.40	10.88
USP2XLRMF	K	Sub-Panel with 1 XLR Male Connector and 1 XLR Female Connector	12.95	12.43	11.91	11.40	10.88
USP2-35MM	L	Sub-Panel with 2 3.5mm Audio Couplers	20.98	20.14	19.30	18.46	17.62
USP4-35MM	L	Sub-Panel with 4 3.5mm Audio Couplers	13.95	13.39	12.83	12.28	11.72
USP4MIDI	M	Sub-Panel with 4 DIN 5 MIDI Female Couplers	22.95	22.03	21.11	20.20	19.28

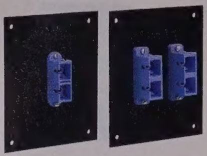
> "You continue to have the products that I need including the new items that I am ordering which are video cables and connectors. I'm always impressed to find that you have new items, so I always look to L-com for my cabling and connector needs first. Your website is excellent in helping me find what I am looking for." - Brad Risinger, Advisory Optical Engineer, Northrup Grumman Corporation

A



2 or 4 Simplex
ST Couplers

B



One or 2 Duplex
SC Couplers

C

2 Duplex
ST-SC Couplers

D

One MT-RJ Type
Coupler

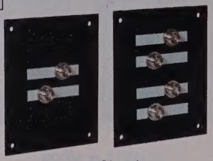
E

One Simplex or Duplex
LC Coupler

F

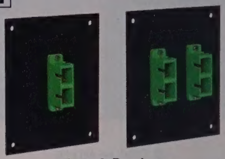
2 Single mode
or Multimode Quad LC Couplers

G

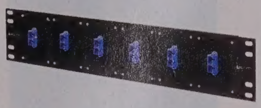


2 or 4 Simplex
APC FC Couplers

H



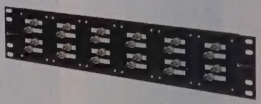
1 or 2 Duplex
APC SC Couplers



UPR35-6DSCB

UPR35-12DSCB

UPR35-12STB



UPR35-24STB

Universal Series Sub-Panels Featuring Fiber Optic Couplers

This Universal sub-panel series offers connections for fiber networks. Panel choices available in ST, SC, MTRJ, LC or FC coupler configurations. All panels are black steel and come equipped with four pre-tapped holes to accept the four 6-32 mounting screws which are supplied.

Item #	Code	Description	1-9	10-24	25-99	100-249	250-499
USP2FOPTB	A	Sub-Panel with 2 Simplex ST Couplers	14.95	14.35	13.75	13.16	12.56
USP4FOPTB	A	Sub-Panel with 4 Simplex ST Couplers	19.95	19.15	18.35	17.56	16.76
USP1FOPT-DSCB	B	Sub-Panel with 1 Duplex SC Coupler	16.95	16.27	15.59	14.92	14.24
USP2FOPT-DSCB	B	Sub-Panel with 2 Duplex SC Couplers	19.95	19.15	18.35	17.56	16.76
USP2FOPT-DSCTB	C	Sub-Panel with 2 Duplex ST-SC Adapters	25.95	24.91	23.87	22.84	21.80
USP1FOPT-MTRJB	D	Sub-Panel with 1 MTRJ Coupler	24.95	23.95	22.95	21.96	20.96
USP1FOPT-LCSDB	E	Sub-Panel with 1 Duplex LC Coupler	16.98	16.30	15.62	14.94	14.26
USP2QD-MM	F	Sub-Panel with 2 Multimode Quad LC Couplers	24.95	23.95	22.95	21.96	20.96
USP2QD-SM	F	Sub-Panel with 2 Single mode Quad LC Couplers	39.95	38.35	36.75	35.16	33.56
USP2FC-APC	G	Sub-Panel with 2 Simplex APC FC Couplers	26.95	25.87	24.79	23.72	22.64
USP4FC-APC	G	Sub-Panel with 4 Simplex APC FC Couplers	42.95	41.23	39.51	37.80	36.08
USP1DSC-APC	H	Sub-Panel with 1 Duplex APC SC Coupler	23.95	22.99	22.03	21.08	20.12
USP2DSC-APC	H	Sub-Panel with 2 Duplex APC SC Couplers	25.95	24.91	23.87	22.84	21.80

Universal Series Master Rack Panel Pre-Populated with USP Series Fiber Optic Sub-Panels

These Master Rack Panels come with our USP Series Fiber Sub-panels already pre-installed. Available in 12 & 24 Port configurations, these panels are offered in either SC or ST versions. These panels provide a straight out of the box solution to many connectivity needs. No need for assembly on site, just install these panels on your rack and start patching in your cables right away.

Item #	Code	Description	1-9	10-24	25-99	100-249	250-499
UPR35-6DSCB		3.50" (8.9cm) Universal Rack Panel, 6 Duplex SC Couplers	129.98	124.78	119.58	114.38	109.18
UPR35-12DSCB		3.50" (8.9cm) Universal Rack Panel, 12 Duplex SC Couplers	149.98	143.98	137.98	131.98	125.98
UPR35-12STB		3.50" (8.9cm) Universal Rack Panel, 12 ST Couplers	114.98	110.38	105.78	101.18	96.58
UPR35-24STB		3.50" (8.9cm) Universal Rack Panel, 24 ST Couplers	149.95	143.95	137.95	131.96	125.96

Free technical support
Call toll free at 1-800-343-1455
if you have questions about your application.

Item #	Description	1-9	10-24	25-99	100-249	250-499

Domestic and International Power Cords - UL/CSA or European Approved

L-com stocks several popular external power cords for domestic, international and medical applications. All assemblies are fully molded and meet the required safety specifications.

RoHS Domestic Power Cords - UL/CSA Approved

Connector options include N5/15, C7, C13, N1/15 and a pigtail end. Heavy duty cable is 18 AWG, color is Black.

PCM1000	Power Cord SPT2-18 AWG, N1/15P-EN60320C7, UL/CSA, 6'7" (2.0m)	3.95	3.79	3.63	3.48	3.32
PCM1010	Power Cord SVT3-18 AWG, N5/15-Pigtail, UL/CSA, 6'7" (2.0m)	4.95	4.75	4.55	4.36	4.16
PCM1012	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 7'6" (2.3m)	5.95	5.71	5.47	5.24	5.00
PCM1014	Power Cord SJT3-18 AWG, N5/15-EN60320C13, UL/CSA, 9'10" (3.0m)	5.95	5.71	5.47	5.24	5.00

Colored Domestic Power Cords - UL/CSA Approved

PCM1012-B	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 7'6" (2.3m), Blue	5.95	5.71	5.47	5.24	5.00
PCM1012-C	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 6' (1.8m), Caramel Brown	5.95	5.71	5.47	5.24	5.00
PCM1012-G	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 7'6" (2.3m), Green	5.95	5.71	5.47	5.24	5.00
PCM1012-R	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 7'6" (2.3m), Red	5.95	5.71	5.47	5.24	5.00
PCM1012-Y	Power Cord SVT3-18 AWG, N5/15-EN60320C13, UL/CSA, 7'6" (2.3m), Yellow	5.95	5.71	5.47	5.24	5.00

RoHS Hospital Grade Power Cords - UL/CSA Approved

Connectors are Hospital Grade N5/15 to C13. 18 AWG cable is Gray, connector mold options are Gray and Clear.

PCM1050	Power Cord Gray Mold, SJT3-18 AWG, N5/15-EN60320C13, UL/CSA, 10' (3.1m)	9.45	9.07	8.69	8.32	7.94
PCM1052	Power Cord Clear Mold, SJT3-18 AWG, N5/15-EN60320C13, UL/CSA, 10' (3.1m)	9.45	9.07	8.69	8.32	7.94

RoHS International Power Cords - Meets VDE and Several Other Approvals

Connector options are CEE7/7 to C13 and EN50075 to C7, color is Black.

PCM1020	Power Cord H05VVF3Gx1.00mm, CEE7/7- EN60320C13, VDE, 8'2" (2.5m)	7.95	7.63	7.31	7.00	6.68
PCM1030	Power Cord H03VVH2F2X0.75mm, EN50075-EN60320C7, VDE, 6' (1.8m)	6.95	6.67	6.39	6.12	5.84
SP23913	Power Cord Chinese EN60320 C13 2.5 meters	2.79	CALL	CALL	CALL	CALL

RoHS Universally Approved Jumper Cords - Domestic and European Approved, UL/CSA, VDE

Connectors are C13 to C14, lengths are 3'3" (1.0m), 6'7" (2.0m) and 9'10" (3.0m). Heavy duty cable is 18 AWG, color is Black.

PCM1040	Power Cord SJT3-18 AWG, EN60320C13/C14, UL/CSA VDE, 3'3" (1.0m)	4.95	4.75	4.55	4.36	4.16
PCM1042	Power Cord SJT3-18 AWG, EN60320C13/C14, UL/CSA VDE, 6'7" (2.0m)	5.95	5.71	5.47	5.24	5.00
PCM1044	Power Cord SJT3-18 AWG, EN60320C13/C14, UL/CSA VDE, 9'10" (3.0m)	6.95	6.67	6.39	6.12	5.84

Switching Power Supplies, Power Cords, PoE Power Supplies and Lighter Power Adapters

We offer a broad range of switching power supplies which support 110/220 VAC operation. Models in this series include 9 VDC, 12 VDC, 15 VDC and 48 VDC options. Additionally, PoE power supplies are available which provide data and power over a single CAT5 cable to end devices which are compliant with IEEE standard PoE pinout (Pins 4 & 5 Power +/Pins 7 & 8 Power -).

L-com's PS4820-POE-1 is a power supply with integral DC Injector. It provides DC power for one PoE-equipped device by "Injecting" DC power through the CAT5 Ethernet cable. It is compatible with AP's and other equipment supporting the IEEE standard PoE pinout (Pins 4 & 5 Power +/Pins 7 & 8 Power -). This unit can also be used with Cisco PoE equipment using the optional PoE conversion cable.

- 9V, 12V, 15V, 48 VDC models available
- Use with PoE injectors/taps, wireless radios, RF amplifiers and more
- 20W and 60W PoE power supplies

RoHS Switching Power Supplies

PS909-21R	9 VDC @ 1A (9W), 2.1mm DC Plug	9.99	9.59	9.19	8.49	7.49
PS1212-21R	12 VDC @ 1A (12W), 2.1mm Right Angle DC Plug	12.99	12.47	11.95	11.04	9.74
PS1224-21R	12 VDC @ 2A (24W), 2.1mm Right Angle DC Plug	14.99	14.39	13.79	12.74	11.24
PS1240-21R	12 VDC @ 3.33A (40W), 2.1mm Right Angle DC Plug	21.99	21.11	20.23	18.69	16.49
PS1566	15 VDC @ 4.4A (66W), 2.1mm DC Plug	89.99	86.39	82.79	76.49	67.49
PS4820-POE-1	48 VDC @ 20W, Dual RJ45 Jacks	23.25	21.86	20.46	19.07	17.67
PS4870-25R	48 VDC @ 1.5A (70W), 2.5mm Right Angle DC Plug	59.00	56.64	54.28	50.15	44.25
PS4848-25R	48 VDC @ 1A (48W) 2.5mm Right Angle DC Plug	24.95	24.45	23.95	23.45	22.95
PS4860-POE	48 VDC @ 1.25A (60W), Dual RJ45 PoE, Requires PSCORD3	74.99	71.99	68.99	63.74	56.24

12 VDC to 48 VDC Converter/Regulator

PS-LIGHTER-06	Cigarette Plug to 2.1mm Right Angle DC Plug, 3A Fuse, 6ft (1.8m)	9.99	9.59	9.19	8.49	7.49

RoHS Accessories

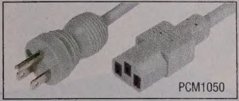
PSX-EU1	US Flat or Euro Round to Euro 4.8mm Round A/C Adapter	3.99	3.59	3.19	2.79	2.39
PSX-EU2	EU 4/4.8mm Round to US NEMA 6-15R Flat A/C Adapter	3.99	3.59	3.19	2.79	2.39
PSCORD2	2 Conductor Plug, USA/AC Power Cord, 1ft (0.3m)	3.99	3.59	3.19	2.79	2.39
PSCORD3	3 Conductor Plug, USA/AC Power Cord, 1ft (0.3m)	2.99	2.75	2.51	2.27	2.03
CA-POE-02	CAT5 PoE Conversion Cable for Cisco APs, 2ft (0.6m)	14.99	13.49	11.99	10.49	8.99

PCM1000

PCM1010

PCM1012
PCM1014

PCM1012 also available in: 🟦 🟩 🟥 🟨 🟫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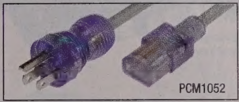
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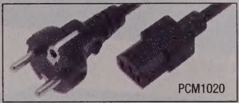
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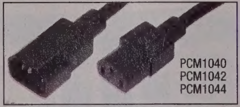
PCM1030


PCM1040
PCM1042
PCM1044

PS1212-21R

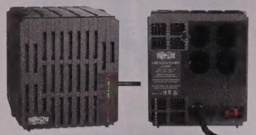
PS1224-21R

PS4820-POE-1

Certifications
A complete company documentation package is available for download. L-com.com/Profile

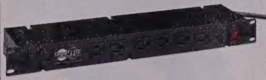
L-com® Global Connectivity

TL-SS7415-15


TL-LC1200

TL-PS606-HG

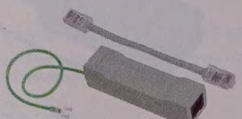
PD-915R
(Rear View)


TL-RS1215

TL-IBAR12
(rack mount)

TL-ISOTEL6

TL-ISOTEL8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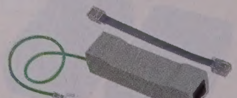
TL-DTEL2

Tripp Lite 16 and 24 Outlet Power Strips with Surge Suppression

These Tripp Lite power strips with AC surge suppression offer a convenient method of horizontal or vertical power distribution in equipment racks, computer rooms, workbenches, raceways and more. By utilizing these power strips you can protect connected equipment from transient surges and line noise with built-in surge suppression rated at 450 joules. Corded, multi-outlet strip reduces cabling clutter and enables the connection of multiple electrical devices to a single AC wall socket. Features rugged all-metal housing, lighted power switch with transparent guard to prevent accidental shutoff, 15A resettable circuit breaker and attractive gray housing with black output receptacles. Order today!

Item #	System Type	Number of Outlets	Dimensions (Inches)	Shipping Weight	Price
TL-SS7415-15	Surge Only	16	48w x 1.5h x 1.5d	4.5	75.00
TL-SS7619-15	Surge Only	24	72w x 1.5h x 1.5d	6.0	89.00

Tripp Lite Desktop Tower Line Conditioners

Tripp Lite's desktop tower series of line conditioners protect computer accessories and home theater equipment from power-related damage and performance problems. These line conditioners also extend the useful life of connected equipment by providing optimum voltage conditions for enhanced efficiency and cooler internal operating temperatures. Features include reliable transformer-based voltage correction circuits which maintain 120V nominal output during voltage fluctuations between 89 and 147V. Three levels of voltage stabilization offer targeted response for over voltages, under voltages and severe brownouts.

Item #	System Type	Number of Outlets	Dimensions (Inches)	Shipping Weight	Price
TL-LC1200	Surge Only	4	6.75w x 5.75h x 6.75d	9.0	139.00
TL-LC1800	Surge Only	6	6.75w x 5.75h x 6.75d	10.5	199.00
TL-LC2400	Surge Only	6	6.75w x 5.75h x 6.75d	12.5	269.00

Tripp Lite Hospital Grade Power Strip

Tripp Lite's PS-606-HG power strip offers 15A capacity AC power distribution in a rugged, all-metal outlet strip for 120V applications. This robust power strip features 6 hospital-grade receptacles, a 6 foot power cord, and built-in 15A resettable circuit breaker. Switchless design prevents accidental shutoff. Also includes optional-use keyhole mounting tabs and flanges. Order today!

Item #	System Type	Number of Outlets	Dimensions (Inches)	Shipping Weight	Price
TL-PS606-HG	Non-surge	6	10.5w x 13.75h x 2.5d	4.0	74.95

✓RoHS 19" x 1.75" Rackmountable Power Distribution Unit with Surge Protection

The PD-915R rackmount power distribution unit is equipped with 8 rear outlets and one front outlet. Standard equipment includes surge and spike protection, EMI filtering and a 9 ft cord. A generous 8.75" depth offers easy access to the 15 amp rear panel outlets which are solidly mounted on yokes to eliminate deflection. An illuminated combination power switch/circuit breaker is located on the front panel. Occupies one rackspace, finished with a durable Black powder coat. UL recognized, listing pending.

Item #	System Type	Number of Outlets	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
PD-915R	Surge Only	9	7.5w x 1.75h x 8.75d	1 Space	8.5	115.48

Tripp Lite Rack Mount Power Strip

This rack mount power strip packs many useful features into a slim single rack space of 1.75" height. Outlets are conveniently located on both sides of the unit. Two-year manufacturer's warranty.

Item #	System Type	Number of Outlets	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
TL-RS1215	Non-Surge	12	17.5w x 1.75h x 4.5d	1 Space	4.0	49.95

Note: This power strip does not provide surge or line noise protection.

Tripp Lite Network Grade Rackmount Surge Suppressor

Tripp Lite's IBAR12 offers network-grade surge and noise suppression in a versatile all-metal multi-mount cabinet. Detachable mounting flanges are configurable for rackmount (1U), wallmount and under-counter installation. Features network grade AC surge suppression with EMI/RFI noise filtering. Outlets are arranged in exclusive isolated filter banks to limit noise interaction among connected items. Includes 12 outlets (2 front / 10 rear), 15 ft AC power cord and guarded power switch to reduce the risk of accidental shutoff. Diagnostic LEDs indicate AC present, line fault and protection status.

Item #	System Type	Number of Outlets	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
TL-IBAR12	Surge Only	12	17.5w x 1.75h x 4d	1 Space	6.5	129.00

Tripp Lite Isotel Premium AC Line Surge Suppressors

Protect your equipment from damaging surges and line noise with these rugged all metal suppressors. Featuring internal noise filter banks that isolate noisy equipment. A combination of metal oxide varistors (MOVs) and ferrite rod-core inductors provide one of the highest UL verified energy suppression ratings. Lifetime warranty.

Item #	System Type	Number of Outlets	Dimensions (Inches)	Shipping Weight	Price
TL-ISOTEL6	Surge Only	6	2.5w x 7h x 3.5d	2.0	69.00
TL-ISOTEL8	Surge Only	8	2.5w x 9h x 3.5d	4.0	79.00

Tripp Lite Network and Telephone Surge Suppressors

Protecting equipment at the power input is not complete protection. Static discharge, lightning and faulty wiring can send damaging surges through data ports. This vulnerability can be easily eliminated with an inline suppressor. In considering the cost of replacing damaged equipment and resultant lost productivity, the cost of protection is truly small. Two-year manufacturer's warranty.

Item #	Connector	Application	Lines Protected	Peak Pulse Clamping Voltage	Maximum Current	Price
TL-DNET1	RJ45	100Base-T, 10Base-T, Token Ring, RS422, AS400	1 - 8	7.5 V	750 Amps	20.95
TL-DTEL2	RJ11/RJ45	Single and 2 Line Telephone Equipment, RJ11/45	4, 5 and 3, 6 Pairs	260 V	250 Amps	22.95

We want to help you!
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APC Personal SurgeArrest 8 Outlet

The APC-PER8T Personal SurgeArrest 8 Outlet system provides reliable surge protection for home or office computers and electronic equipment. The PER8T features a right angle power plug and transformer block spacing. Includes a limited lifetime manufacturer's warranty.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/Full Load	Dimensions (Inches)	Shipping Weight	Price
APC-PER8T	N/A	Surge Only	8	N/A	8w x 1.75h x 5.75d	3.0	20.95

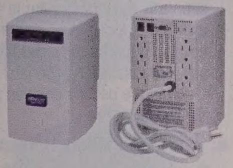
APC-PER8T

TL-OFFICE300

Tripp Lite Internet Office Series Power Back-up System

Tripp Lite's Internet Office standby UPS systems offer complete protection from blackouts, brownouts and transient surges on both AC and dialup modem lines. The Internet Office offers complete power protection in an ultra-compact, flat-pack housing. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. A built-in single line RJ11 phone suppression jacks protect modem, fax machine, cordless phone or other peripheral with standard dialup phone connection.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/Full Load	Dimensions (Inches)	Shipping Weight	Price
TL-OFFICE300	300/150	Line Interactive	6	10/4 min	2.6w x 11h x 4.5d	5.0	75.00
TL-OFFICE500	500/280	Line Interactive	6	5/17 min	4.75w x 8.25h x 7d	16.0	119.00

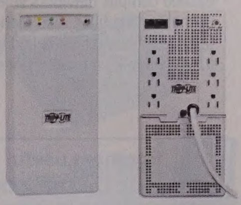


TL-OFFICE500
(Front and Rear View)

Tripp Lite BCPRO Series Desktop UPS Systems

Tripp Lite's BCPRO0600 standby UPS system offers surge suppression and long lasting battery support for personal computers, internet working equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 45 minutes during power failures and brownouts so that connected equipment can be shutdown without data loss. Includes 3 battery supported outlets for computer, monitor and one vital system peripheral, plus 3 additional surge suppression-only outlets for printers and other system accessories not requiring battery support. USB port enables optional unattended system shutdown without data loss in the case of extended power failure, USB cable included.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/Full Load	Dimensions (Inches)	Shipping Weight	Price
TL-BCPRO0600	600/345	Line Interactive	6	19/7 min	5.25w x 10.75h x 7.25d	19.0	139.00
TL-BCPRO1050	1050/705	Line Interactive	6	23/7 min	7.25w x 11.75h x 7.25d	28.6	369.00
TL-BCPRO1400	1400/940	Line Interactive	6	24/8 min	7.25w x 12.75h x 9d	36.4	529.00

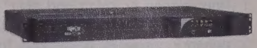


TL-BCPRO0600
(Front and Rear View)

Tripp Lite Smart Pro® Intelligent UPS System

The Tripp Lite Smart Pro® Intelligent UPS System is an ideal power protection solution for hubs, routers, switches, telephone systems and other critical moderate power devices. Innovative design packs battery backup and automatic voltage protection into an ultra small rack mountable package only a single rack space (1.75") high. Unattended shutdown capable via an RS232 port (PowerAlert® software included). The battery replacement door is conveniently located on the front panel. Shipping weight is 18.5 lb. Two-year manufacturer's warranty.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/ Full Load	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
TL-SMART500RT1U	500/300	Line Interactive	7	17/5 min	17.5w x 1.75h x 11.75d	1 Space	18.8	195.00



TL-SMART500RT1U

Tripp Lite SmartOnline UPS Series

Tripp Lite's SmartOnline UPS Systems provide the highest level of power protection for mission-critical applications. True on-line operation completely isolates connected equipment from all power problems: blackouts, brownouts, surges, line noise, even harmonic distortion. Double-conversion operation continually converts incoming AC power into DC power, and then resynthesizes it back into normal AC power.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/ Full Load	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
TL-SU750XL	750/600	Line Interactive	6	11/4 min	6.75w x 10h x 13.25d	No	28.7	479.00
TL-SU750RTXL2U	750/600	Line Interactive	6	11/4 min	17.5w x 3.5h x 13.5d	2 Space	29.0	529.00
SU1500RTXL2UA	1570/1200	Line Interactive	6	17/5 min	17.5w x 3.5h x 19d	2 Space	44.1	799.00
SU2200RTXL2UA	2200/1600	Line Interactive	6	18/5 min	17.5w x 3.5h x 19d	2 Space	47.4	1229.00
SU3000RTXR3U	3000/2400	Line Interactive	9	33/14 min	17.75w x 5.25h x 26d	3 Space	111.33	1949.00
SU5000RT4U	5000/3800	Line Interactive	12	17/8 min	17.5w x 7h x 30.75d	4 Space	149.6	3359.00

SU5000RT4U

APC Smart-UPS Power Backup System

APC's Smart-UPS Power Backup System protects your data by supplying network-grade battery backup when power fails. The Smart-UPS series offers full time EMI/RFI filters preventing line noise from causing data errors. With PowerChute® software the uninterruptible power supply (UPS) will safely store data and shut down the network operating system before the battery is fully discharged. The product automatically performs a self-test every two weeks. This will alert users of degraded batteries before they wear out. Using wither the software, or the push of a button, users may perform self-tests anytime. Includes a limited lifetime manufacturer's warranty.

Item #	Capacity (VA/Watts)	System Type	Number of Outlets	Backup Time Half/ Full Load	Dimensions (Inches)	Rack Mounting	Shipping Weight	Price
APC-SC420	420/260	Line Interactive	4	13.5/5.5 min	4.7w x 6.6h x 14.5d	N/A	22.0	139.00
SMT2200RM2U	2200/1980	Line Interactive	8	15.7/5.2 min	19w x 3.5h x 26d	2 Space	125.0	1125.00

APC-SC420

Custom design and manufacturing capabilities
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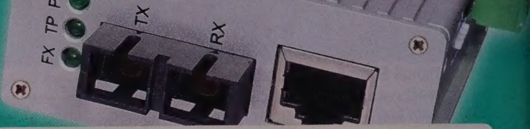


Media Converters Tutorial

What is a Media Converter?

A Media converter is used to extend copper UTP Ethernet cabling to distances beyond the 100 Meter maximum for UTP by converting the voice/video/data signals to fiber optic cabling.

How is a Media Converter used?

Media Converters have two types of ports; one for copper (UTP or STP) and one for fiber (usually duplex, but sometimes simplex). You simply plug in the fiber cable and the copper cable and power on the media converter. Some more advanced media converters are designed with features such as link loss carry forward and link loss return. These features are usually enabled by moving dip switches on the Media Converter.

Where are Media Converters used?

Media converters are used in environments where EMI/RFI is present such as manufacturing facilities. Other applications include campus networks where many buildings need to be connected via fiber. Also high rise buildings typically use a fiber backbone which is laid vertically and taps into copper (UTP) networks on each floor via a media converter.

For more useful information go to....
L-com.com/Resources

Distance Limitations of Copper and Fiber Optic Network Cabling Types:

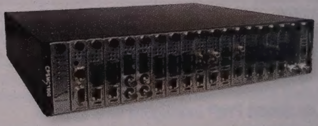
Cable Type	Distance Limitation
Category 5/5E/6 UTP and STP cable	100 Meters Max.
Multimode Fiber Cable 62.5/125 µ	2 Km Max.
Multimode Fiber Cable 50/125 µ	2 Km Max.
Single mode Fiber Cable 9/125	15 Km Max. (Typical)

Note: Fiber cable distances are typical when used in an Ethernet Data network environment. Some Single mode fiber media converters can extend up to 100 Km. These devices use special high powered laser transceivers to achieve these distances.

Form Factors

There are two styles of media converters, standalone and chassis based. Standalone converters are typically used in locations when only one or two fiber links are needed. The chassis based options are often used in MDF or IDF locations where multiple fiber links are converted to UTP.

Standalone

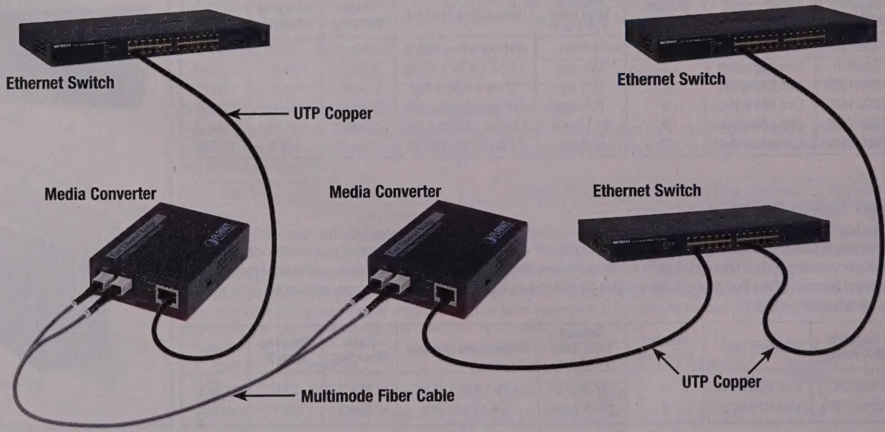


Chassis

Managed and Unmanaged

Unmanaged or "plug and play" media converts are easy to install and trouble shoot. The disadvantage with unmanaged converters is when a network issue is occurring, there is no way to access the media converter to see exactly what might be causing the issue. Many chassis based media converter solutions feature an option for an SNMP card that shows statistics and overall health of all the media converters in the chassis. This is helpful when you have multiple chassis filled with media converters in a large data center. Additionally there are some standalone converters on the market today that support SNMP management.

Typical Media Converter Application



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Item #	Description	Maximum Segment Length	List Price

☑RoHS L-com 10/100TX to 100FX Ethernet Media Converters

L-com's LCMC series of economical plug and play media converters are the perfect solution for extending Ethernet LANs. These robust media converters support half and full duplex operation, and feature easy to read system status LEDs. These converters are powered by an external 5V DC power supply (included).

LCMC-MC-2	L-com Ethernet Media Converter 10/100TX to 100FX MM SC	100m/2km	59.00
LCMC-SA-25	L-com Ethernet Media Converter 10/100TX to 100FX SM SC	100m/25km	99.00
LCMC-SA-40	L-com Ethernet Media Converter 10/100TX to 100FX SM SC	100m/40km	149.00
LCMC-SA-60	L-com Ethernet Media Converter 10/100TX to 100FX SM SC	100m/60km	169.00
LCMC-SA-80	L-com Ethernet Media Converter 10/100TX to 100FX SM SC	100m/80km	279.00

Planet Economy Fast Ethernet and Gigabit Copper to Fiber Media Converters

Planet's line of Fast Ethernet and Gigabit Ethernet Media Converters offer users a cost effective option to convert from fiber to copper in a network. The Planet converters make it easy to extend network segments up to 2km over multimode fiber optic cable and up to 15km over single mode fiber optic cable. Includes a 5VDC power supply.

NCPT3-2133	Planet 10/100 Mbps RJ45 to 100 Mbps Multimode ST	100m/2km	69.00
NCPT3-2135	Planet 10/100 Mbps RJ45 to 100 Mbps Multimode MTRJ	100m/2km	149.00
NCPT3-2143	Planet 10/100 Mbps RJ45 to 100 Mbps Multimode SC	100m/2km	69.00
NCPT3-2184	Planet 10/100 Mbps RJ45 to 100 Mbps Single mode SC	100m/15km	89.00
NCPT4-214D	Planet 1000 Mbps RJ45 to 1000 Mbps Multimode SC	100m/550m	99.00
NCPT4-217E	Planet 1000 Mbps RJ45 to 1000 Mbps Multimode LC	100m/550m	149.00
NCPT4-21010	Planet 1000 Mbps RJ45 to 1000 Mbps Mini-GBIC, Multimode LC	100m/10km	59.00
MOD-MGBIC-SX	Planet 1000Base-SX Mini-GBIC Module	550m	49.00
MOD-MGBIC-LX	Planet 1000Base-LX Mini-GBIC Module	10km	79.00

Planet 10/100/1000TX to 1000SX or LX Media Converters (SC fiber)

The NCPT4-219G and NCPT4-220G from Planet feature 10/100/1000TX RJ45 ports and either 1000Base SX (NCPT4-219G) or 1000BaseLX (NCPT4-220G) SC fiber optic ports. These media converters comply with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-LX/SX and also supports flow control and back pressure in half-duplex to eliminate packets loss.

NCPT4-219G	Planet 10/100/1000TX to 1000SX Media Converter (SC Fiber)		99.00
NCPT4-220G	Planet 10/100/1000TX to 1000LX Media Converter (SC Fiber)		139.00

Planet 100TX/FX Redundant Media Converters

Planet's line of redundant 10/100 Ethernet media converters are a perfect solution for maintaining network uptime on critical links. These products are perfect for connecting to critical resources such as servers or WAN/Internet connections. The SFP slots can accommodate the Planet MFB-FX Duplex LC Multimode 100FX and MFB-F20 Duplex LC Single mode 100FX modules.

NCPT3-4380	Planet 1 10/100TX-2 SFP 100FX Redundant Media Converter		69.00
NCPT3-4381	Planet 2 10/100TX-1 SFP 100FX Redundant Media Converter		79.00

Planet 15 Slot Media Converter Chassis

The PTMC1500 media converter chassis allows for connectivity of up to 15 Planet Ethernet/ Fast Ethernet and Gigabit Ethernet copper to fiber converters in one 19" (48.3 cm) rack mount chassis. Dual fans with accompanying LED indicators provide at a glance troubleshooting for system cooling. The chassis features power isolation for each of the 15 converters ensuring each bay is electrically isolated from each other. This power isolation feature ensures uninterrupted connectivity and seamless plug and play module installation.

PTMC1500	Planet 15 Slot Media Converter Chassis		249.00

Unicom Ethernet Velocity™ Media Converters - For Stand-alone or Chassis Based Use

Unicom's FEP series media converters offer great flexibility as they can be used in standalone, desktop mode or they can be mounted in a chassis (sold separately). All units offer shielded steel enclosures and run off 5 VDC power supplies which are included.

FEP5300TFC	Unicom Velocity 10/100TX RJ45 to 100Base-FX Multimode SC	100m/2km	89.00
FEP5300TFT	Unicom Velocity 10/100TX RJ45 to 100Base-FX Multimode ST	100m/2km	89.00
FEP5400TFC	Unicom Velocity 10/100TX RJ45 to 100Base-FX Single mode SC	100m/15km	189.00
GEP-5300TF-C	Unicom Velocity 10/100/1000 to Multimode SC	100m/500m	179.00
GEP-5400TF-C	Unicom Velocity 10/100/1000 to Single mode SC	100m/10km	399.00

Unicom 10 Slot Velocity™ Media Converter Chassis

Unicom's Velocity™ Media-Chassis/10 accommodates up to 10 Gigabit and Fast Ethernet Velocity Series media converter modules in a single unit. The power supply system is integrated and provides power protection into each bay's supply. The chassis also offers extra protection by isolating each media converter bay from the power bus. The chassis includes two 19" (48.3 cm) rack-mounting brackets, one fan and one 110/220V power supply. This chassis can only be used with the Velocity Series media converters.

FEP593110	Unicom Velocity 10 Slot Media Converter Chassis		249.00

Unicom 10Base-FL/10Base-T (Fiber/UTP) Converters - Dual ST and RJ45 Connections

These media converters conform with the IEEE 802.3 Ethernet fiber optic standard (10Base-FL). Dual Fiber ST connectors allow connection to 62.5/125 duplex multimode or single mode cabling and electro optic circuitry transforms the signal to a 10Base-T RJ45 port. Multimode fiber runs can extend up to 2km and single mode runs to 20km. Two position switch allows 10Base-T connection to a hub or a workstation and seven LEDs indicate network status at all times. Externally powered with 9V DC transformer included.

UTP20108	Miniature 10Base-FL/10Base-T Multimode Converter		199.00
UTP20108-SM	Miniature 10Base-FL/10Base-T Single mode Converter		539.00

Unicom 10Base-T/AUI Transceiver - RJ45 and DB15 Male Connections

Use this transceiver to connect your existing thick Ethernet interface card to a 10Base-T UTP network. Converts signals from standard Ethernet transceiver cable to a suitable format for transmission over Unshielded Twisted Pair wires to a hub of your choice. Our mini 10Base-T transceiver does not require any external power. Includes a set switch for enabling or disabling the SQE function for applications that require the SQE test. The POWER/TX, LINK/RCV and COLLISION/JABBER LED lights simplify troubleshooting and network maintenance.

UTP20028T	Miniature 10Base-T/AUI Transceiver		29.00

Unicom 10Base-2/10Base-T Media Converter - RJ45 and BNC Connections

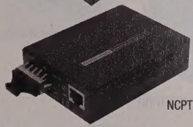
This 10Base-2/T converter is designed to connect your existing Thin Ethernet interface card or Thin Ethernet Network to a 10Base-T UTP network. The unit simply converts signals from Thin Ethernet to a suitable form for transmission over Unshielded Twisted Pair (UTP). It has a three position terminator switch (open, 25 Ohm, 50 Ohm) for varying applications. The POWER, LINK, TPPLR, TPRCV, TPCOL, CXCOL, CXRCV LED lights simplify troubleshooting and network maintenance. Supplied with 9V DC power adapter.

UTP20038T	Miniature 10Base-2/T Converter		79.00

LCMC-MC-2

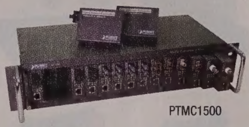
NCPT3-2133

NCPT4-214D



NCPT4-219G

NCPT3-4380



PTMC1500

FEP5300TFC

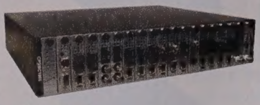
FEP593110

UTP20028T

UTP20038T

> "I really like the way you put Q/A and Tip boxes throughout the catalog to define applications and explain different uses."
> - Keith P.

CPSMC0800-100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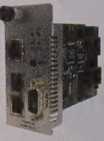
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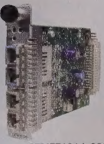
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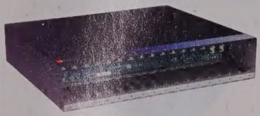
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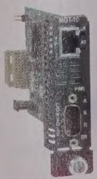
LCR1000-AAF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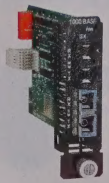
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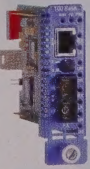
LCR231-13

LCR643-13

LC2643-14

Transition Networks Point System Chassis Solutions

Transition Networks offers one of the widest selections of media conversion chassis ranging from a dual slot all the way to a 19 slot solution. Additional optional accessories include redundant AC and DC power supplies, SNMP management modules, and fan modules.

Item #	Description	Maximum Segment Length	List Price
CPSMC0200-226	2 Slot Point System Chassis		269.00
CPSMC0800-100	8 Slot Point System Chassis (Internal AC Pwr Supply)		449.00
CPSMC1300-100	13 Slot Point System Chassis (Includes 1 Pwr Supply)		393.75
CPSMC1800-200	18 Slot Point System Chassis (Includes 1 Pwr Supply)		599.00
CPSMC1900-100	19 Slot Point System Chassis (Includes 1 Pwr Supply)		525.00
CPSMM-120	Single Slot Master Management Module		369.00
CPSMM-200	Dual Slot Master Management Module		489.00
CPSMP-120	Redundant 120/240V AC Power Supply (13 Slot Point System Chassis)		299.00
CPSMP-205	Redundant 120/240V AC Power Supply (18-19 Slot Point System Chassis)		399.00
CPSFM-200	Fan Module (18-19 Slot Point System Chassis)		149.00

Transition Networks Point System Media Converter Modules

Transition Networks offers a wide array of Point System media conversion options. Styles include 10BaseT, 10BaseFL, 10/100TX, 100BaseFX and Gigabit media converters. Each media converter is equipped with system status LEDs for at-a-glance management. By adding a management module to the Point System chassis SNMP management of each module is achieved.

Item #	Description	Maximum Segment Length	List Price
CETTF1011-105	Point System Media Converter 10Base-T to 10Base-FL ST MM	100m/2km	159.00
CETTF1013-105	Point System Media Converter 10Base-T to 10Base-FL SC MM	100m/2km	169.00
CETTF1012-105	Point System Media Converter 10Base-T to 10Base-FL ST SM	100m/20km	429.00
CETTF1014-105	Point System Media Converter 10Base-T to 10Base-FL SC SM	100m/20km	549.00
CFETF1014-105	Point System Media Converter 100Base-TX to 100Base-FX SC SM	100m/20km	549.00
CFETF1011-110	Point System Media Converter 100Base-TX to 100Base-FX ST MM	100m/2km	259.00
CGETF1013-110	Point System Media Converter 1000Base-TX to 1000Base-SX SC MM	100m/2km	579.00
CGETF1014-110	Point System Media Converter 1000Base-TX to 1000Base-SX SC SM	100m/10km	969.00
CFMFF1313-220	Point System Media Converter 1000Base-SX to 1000Base-SX SC MM	100m/2km	1010.00
CFMFF1314-220	Point System Media Converter 1000Base-SX to 1000Base-LX SC SM	100m/10km	1130.00

Metrobility/Telco Systems Radiance Series Converter Chassis - 1, 2 and 17 Slot Options

Item #	Description	Maximum Segment Length	List Price
LCR5000-17HS	17 Slot Radiance 19" (48.3cm) Rack Mountable Chassis		479.00
LCACPS-17HS	AC Power Supply for the LCR5000 Chassis		109.00
LCDCPS-17HS	DC Power Supply for the LCR5000 Chassis		469.00
LCR1000-AAF	2 Slot Chassis with 2 Front Facing AC Power Supplies		539.00
LCR200-AC	1 Slot Chassis with Single AC Power Supply		249.00
LCR200-DC	1 Slot Chassis with Single DC Power Supply		259.00

Metrobility/Telco Systems Radiance SNMP Management Module

Item #	Description	Maximum Segment Length	List Price
LCR502-M	SNMP Management Module for Radiance R5000 Chassis		489.00

Gigabit Ethernet (1Gpbs) "Twister" Modules for Radiance Series Chassis

Item #	Description	Maximum Segment Length	List Price
LCR152-1A	1000Base-TX, RJ45 to 1000Base-SX, Multimode SC	100m/220m	489.00
LCR152-1F	1000Base-TX, RJ45 to 1000Base-LX, Single mode SC	100m/25km	1519.00
LCR152-AD	1000Base-SX, Multimode SC to 1000Base-LX, Single mode SC	220m/10km	829.00

100 Mbps Fast Ethernet "Twister" Modules for Radiance Series Chassis

Item #	Description	Maximum Segment Length	List Price
LCR231-13	100Base-TX, RJ45 to 100Base-FX, Multimode SC	100m/2km	489.00
LCR231-15	100Base-TX, RJ45 to 100Base-FX, Multimode ST	100m/2km	449.00
LCR231-16	100Base-TX, RJ45 to 100Base-FX, Single mode ST	100m/15km	689.00
LCR231-17	100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/40km	829.00
LCR231-1J	100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/100km	2199.00

10/100 Mbps Ethernet Intelligent AutoTwister Modules for Radiance Series Chassis

Item #	Description	Maximum Segment Length	List Price
LCR643-13	10/100Base-TX, RJ45 to 100Base-FX, Multimode SC	100m/2km	209.00
LCR643-15	10/100Base-TX, RJ45 to 100Base-FX, Multimode ST	100m/2km	259.00
LCR643-1K	10/100Base-TX, RJ45 to 100Base-FX, Multimode LC	100m/2km	309.00
LCR643-14	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/15km	365.00
LCR643-17	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/40km	399.00
LCR643-1J	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/100km	1379.00
LCR643-1M	10/100Base-TX, RJ45 to 100Base-FX, Single mode LC	100m/15km	419.00

Gigabit Ethernet (1Gbps) Twister Stand-alone Media Converter

Item #	Description	Maximum Segment Length	List Price
LC2152-AD	1000Base-SX, Multimode SC to 1000Base-LX, Single mode SC	220m/10km	1319.00

10/100 Mbps Fast Ethernet Twister Stand-alone Media Converters

Item #	Description	Maximum Segment Length	List Price
LC2643-13	10/100Base-TX, RJ45 to 100Base-FX, Multimode SC	100m/2km	249.00
LC2643-15	10/100Base-TX, RJ45 to 100Base-FX, Multimode ST	100m/2km	279.00
LC2643-1K	10/100Base-TX, RJ45 to 100Base-FX, Multimode LC	100m/2km	309.00
LC2643-14	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/15km	379.00
LC2643-17	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/40km	419.00
LC2643-1J	10/100Base-TX, RJ45 to 100Base-FX, Single mode SC	100m/100km	1419.00
LC2643-1M	10/100Base-TX, RJ45 to 100Base-FX, Single mode LC	100m/15km	419.00

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A complete list of media converters
can be found at L-com.com/MediaConverters

RoHS L-com Industrial Ethernet Media Converters

L-com offers a series of plug and play Industrial Ethernet Media Converters which feature dual 10/100TX RJ45 ports as well as one duplex SC fiber port. The LCMC series consist of Multimode and Single mode versions with optics supporting up to 80 kilometers over Single mode for long haul industrial media converter applications. Each unit is powered by an external 24V DC power supply (sold separately) and is 35mm DIN rail mountable. Easy to read LEDs provide at-a-glance systems status information. Operating temperature -40°C to +70°C (-40°F to 158°F).

Item #	Description	List Price
LCMC-M-2	L-com Industrial Ethernet Media Converter 2 10/100TX -1 SC Multimode 2km	199.00
LCMC-S-20	L-com Industrial Ethernet Media Converter 2 10/100TX -1 SC Single mode 20km	249.00
LCMC-S-40	L-com Industrial Ethernet Media Converter 2 10/100TX -1 SC Single mode 40km	349.00
LCMC-S-60	L-com Industrial Ethernet Media Converter 2 10/100TX -1 SC Single mode 60km	749.00

New

LCMC-M-2

Korenix JetCon Industrial Media Converter 1 10/100TX, 1 100FX SC

The Korenix JetCon Series offers fiber to UTP conversion allowing extension of your network. These industrial rated media converters are perfect for use in electrically "noisy" environments where fiber must be used and then converted to UTP at some other location. IP-31 grade protection along with wide range operating temperature ensures these robust converters will stand the test of time.

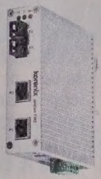
JETCON 1301-M	JetCon Industrial Media Converter 1 10/100TX, 1 100FX SC	159.00

Korenix JetCon Industrial Media Converter 2 10/100TX, 1 100FX SC

JetCon 1302-M is not only a compact 2-port RJ45 to fiber media converter, but also a slim 3-port switch which is an ideal design for networks with limited space. The fault relay alarm feature informs you whenever there is any port link down. Just move up the DIP switch and the fault relay alarm will be enabled! Multimode fiber optic ports meet your needs for long distance transmission up to 2KM.

JETCON 1302-M	JetCon Industrial Media Converter 2 10/100TX, 1 100FX SC	149.00

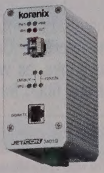
JETCON 1301-M


JETCON 1302-M

Korenix JetCon Industrial Media Converter 1 10/100/100TX, 1 SFP

The JetCon 3401G, industrial Gigabit Ethernet media converter, is equipped with a rugged aluminum alloy case with IP-31 grade ingress protection against damage by solid objects or dust. With excellent heat dissipation characteristics, the JetCon 3401G is capable of performing better than ordinary Gigabit Ethernet media converters which are enclosed by steel metal with various heat dissipation holes. Unlike those with a single power input, the real time redundant power backup on JetCon 3401G leads to the functionality of a real Industrial Gigabit Ethernet Media Converter with the non-stop transmission.

JETCON 3401G	JetCon Industrial Media Converter 1 10/100/100TX,1 SFP	225.00


JETCON 3401G

EW-EL900

EtherWAN EL900/9000 Series Industrial, Hardened Media Converters (-40°C to 75°C)

The EL900/9000 functions at temperatures ranging from -40°C to 75°C (-40°F to 167°F) and is tested for functional operation @ -40°C to 85°C (-40°F to 185°F). Whether on the factory floor or the street corner, the EL900/9000 will provide flawless communications when you need it most. The RJ45 ports on these units provide Auto-MDIX and auto-negotiation. The link-fault-pass-through feature allows the network management agent on adjacent equipment to react to a broken link. Flexibility is the main feature of the EL900/9000, it may be DIN rail or panel mounted and comes with power options to match the applications that require a tough, environmentally hardened, Fast Ethernet or Gigabit Ethernet media converter.

EW-EL900-A-B-1-A	Media Converter 10/100 TX to 100FX, MM, 2km, SC	205.00
EW-EL900-A-N-1-A	Media Converter 10/100 TX to 100FX, SM, 20km, SC	309.00
EW-EL9000-A-4-1-A	Gigabit Media Converter 1000Base T to 1000Base SX, MM, 2km, SC	359.00
EW-EL9000-A-N-1-A	Gigabit Media Converter 1000Base T to 1000Base LX, SM, 20km, SC	479.00

Hirschmann 100 Mbps Ethernet 24 VDC DIN Rail Fiber/Copper Transceiver

These 100 Mbps Fast Ethernet transceivers offer seamless transition from Category 5 shielded twisted pair cabling to fiber optic cabling allowing you to extend your industrial network beyond the 100 meter limitation of Cat5 cabling. 24 VDC operating voltage is supplied over the terminal block and can also be configured for redundancy. Mounts to standard DIN Rail.

RT2-TX/FX	DIN Rail 100Base-TX/FX Transceiver, Multimode	606.00

RT2-TX/FX

GENIUS-TX-2FX

Hirschmann PROFIBUS, MODBUS and GENIUSBUS Fiber to Copper DIN Rail Media Converters

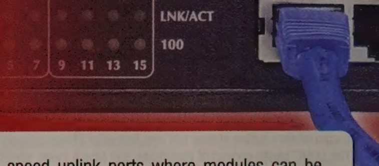
Hirschmann's PROFIBUS, MODBUS and GENIUSBUS media converters are perfect for transmitting data over several miles/kilometers. They connect terminal devices such as computers, image-processing devices, programmable logic controllers (PLCs) and peripheral devices together. With their high availability and redundancy, they are able to hold their own in the harsh world of industrial applications. Fiber optic cables can be laid directly on high-power equipment or parallel to power cables, reducing planning and commissioning costs. Each converter in this series can be mounted on a DIN rail and is powered by an external 24VDC power supply.

PROFI-TX-FX	PROFIBUS Media Converter DB9F to BFOC Multimode	623.00
PROFI-TX-2FX	PROFIBUS Media Converter DB9F to 2 BFOC Multimode	833.00
PROFI-TX-FX-SM	PROFIBUS Media Converter DB9F to BFOC Single mode	1763.00
PROFI-TX-2FX-SM	PROFIBUS Media Converter DB9F to 2 BFOC Single mode	2340.00
MODBUS-TX-2FX	MODBUS Media Converter DB9F to 2 BFOC Multimode	870.00
MODBUS-TX-2FXSM	MODBUS Media Converter DB9F to 2 BFOC Single mode	1830.00
GENIUS-TX-2FX	GENIUSBUS Media Converter 4-Pin Terminal to 2 BFOC Multimode	1139.00
GENIUS-TX-2FXSM	GENIUSBUS Media Converter 4-Pin Terminal to 2 BFOC Single mode	1800.00

PROFI-TX-FX

MODBUS-TX-2FXSM

Need help configuring a media converter chassis?
See the free tip and more at L-com.com/Chassis



Ethernet Switches Tutorial

What is an Ethernet Switch?

An Ethernet switch is a device used to connect multiple PCs, servers, laptops or other Ethernet IP enabled devices such as IP cameras to a Local Area Network (LAN). Most switches feature 10/100 Mega bit per second RJ45 ports although many newer switch designs now offer 10/100/1000 triple speed ports that provide up to 1 Gigabit per second access. The switch uses a MAC address table to keep track of where PCs, servers or other connected devices are located. Each device has a unique MAC (Media Access Control) address "burned" into the hardware. For example; if a PC on port one needs to "talk" to a file server, the switch will look at its MAC address table and determine which port the file server is located on and send the PCs data to that port. This relieves network congestion. The older hub technology used a shared communication method where all requests were sent to all ports of the hub causing latency.

How is an Ethernet Switch used?

Ethernet switches typically utilize RJ45 ports for UTP or STP connectivity to PCs, servers, routers etc. Many switches also feature high speed uplink ports where modules can be purchased to connect fiber optic or UTP cabling supporting speeds of 1 Gigabit per second or more. Cables are used to plug into the ports on the switch and then into the Ethernet device (PC, router etc.) on the other end.

Where are Ethernet Switches used?

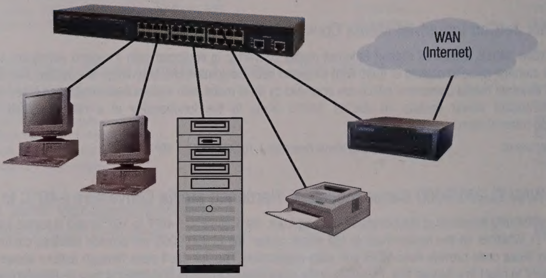
Ethernet switches are utilized everywhere from Small Office/Home Office (SOHO) environments to major ISPs (Internet Service Providers) to military installations. Ethernet switches are used for both industrial and commercial applications.

What is Ethernet?

In the early 1980s, Digital Equipment Corporation, Intel, and Xerox developed the Ethernet Local Area Networking format. This technology was soon accepted by the IEEE Committee, creating the 802.3 standard. This standard dictates the use of CSMA/CD (Carrier Sense Multiple Access with Collision Detection) as its accessing scheme. Local Area Networks (LANs) use a variety of NICs (Network Interface Cards), hubs, transceivers, converters, repeaters & switches, as well as different types of transmission media (copper and fiber) for carrying signals.

Accessing Scheme:	CSMA/CD - Carrier sense multiple access with Collision Detection.
Speed:	10 Mbps/100 Mbps/1000 Mbps (1 Gbps).
Network Architecture:	Bus, Star, Ring, Hybrid

The diagram below shows a typical Ethernet Switch application



In the diagram above you can see that Ethernet switches are used for sharing resources such as printers, networked file servers and router connection to the Internet or Wide Area Network (WAN).

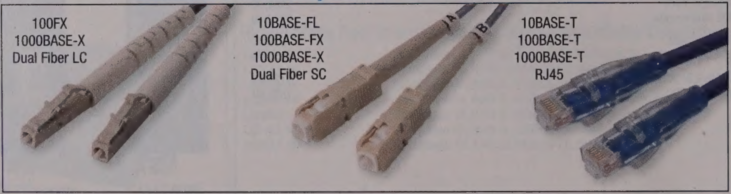
Managed and Unmanaged

Unmanaged Ethernet switches, typically referred to as "plug and play", are easy to install but do not provide port level statics, management and control that is often required in larger networks where many switches are installed. Managed switches typically feature an SNMP agent that allows port level control and statistics such as collisions, packets in, packet out etc. Some Managed switches also feature filters where only certain devices, PCs etc. are allowed to communicate on a certain port of the switch. By using managed switches a network administrator can see if a port may be malfunctioning and sending bad packets onto the network and shut that port off so the whole network does not go down.

Industrial Ethernet Switches

There is a class of Ethernet Switches referred to as Industrial Ethernet switches which are designed to work in harsh environments where extreme temperatures, vibration, dust and moisture are present. These Industrial rated switches generally have no moving parts such as fans and utilize components that are designed for extreme temperatures etc. In very moist environments or areas where condensation is present a conformal coating is sometimes used to cover the entire PCB to protect the components. Typical installations for Industrial Ethernet switches include manufacturing facilities, mining, oil production, power plants, waste water treatment plants and any other application where environmental extremes exist.

Connectors Commonly Used in Ethernet Environments



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For more useful information go to....
L-com.com/Resources

Planet 5 and 8 Port 10/100 Desktop Ethernet Switches

The SW series Ethernet switches from Planet Technology provide cost-conscious businesses and home users with the foundation of an integrated system for small-office / home-office networking. These economical 10/100 swathes are perfect for smaller networks of 10 to 50 users. These easy to install plug and play switches feature easy to read LEDs for monitoring network connectivity and packet flow.

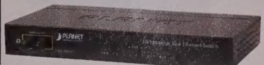
Item #	Description	List Price
SW-504	Planet 5 Port 10/100 Desktop Ethernet Switch (Plastic Case)	16.00
SW-804	Planet 8 Port 10/100 Desktop Ethernet Switch (Plastic Case)	25.95

SW-504

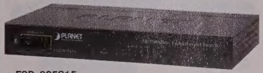
Planet 8 Port 10/100 Mbps 1 Port 100FX Fast Ethernet Switches

The Planet FSD-805 series 10/100Mbps Ethernet switches provide an economical way to connect eight 10/100 RJ45 copper ports to a fiber backbone or network via a built in fiber port. Features include automatic speed and duplex mode sensing and MDI/MDI-X auto-detection. Covered by a 3-year manufacturer's warranty.

FSD-805ST	Planet 8 Port 10/100 Mbps - 1 Port 100FX MM ST Ethernet Switch	89.95
FSD-805SC	Planet 8 Port 10/100 Mbps - 1 Port 100FX MM SC Ethernet Switch	89.95
FSD-805S15	Planet 8 Port 10/100 Mbps - 1 Port 100FX SM SC Ethernet Switch	129.00



FSD-805ST



FSD-805S15

Planet 16 Port 10/100 Mbps Fast Ethernet Switch

The SWTC-PT1601 features 16 10/100Base TX ports that support auto-negotiation, half and full duplex operation as well as built in MDI/MDIX auto-detection for easy, plug and play connections. The high performance store and forward filtering and switching function ensures corrupt packets are not propagated through the network.

SWTC-PT1601	Planet 16 Port 10/100 Mbps Fast Ethernet Switch	59.00

SWTC-PT1601

Planet 24 Port 10/100 Mbps Fast Ethernet Switch

The SWTC-PT2401 is the perfect high density switching solution for today's high performance Ethernet networks. The switch features 24 10/100Base-TX ports that support half and full duplex operation as well as auto-negotiation. High performance throughput (filtering/forwarding rate: 14,880 packets per second at 10 Mbps, 148,800pps at 100 Mbps) and dynamic shared memory buffer, enables the SWTC-PT2401 to boost bandwidth, eliminate unnecessary traffic and relieve network congestion.

SWTC-PT2401	Planet 24 Port 10/100 Mbps Fast Ethernet Switch	79.00

SWTC-PT2401

Planet 24 Port 10/100 Mbps - 2 Port 10/100/1000 Gigabit Ethernet Switch

The Planet SWTC-PT2620 26 port Fast Ethernet and Gigabit Ethernet switch provides 24 Fast Ethernet Switch ports and two Gigabit Ethernet 10/100/1000 switch ports. Each Fast Ethernet port supports 10/100 Mbps and the two Gigabit Ethernet ports support 10/100/1000 Mbps as well as Half/Full Duplex mode. With its 8.8 Gbps non-blocking switch fabric, 8K MAC Address table, and 802.3x full-duplex flow control support, the SWTC-PT2620 offers wire-speed packet transfer performance without the risk of packet loss. MDI/MDIX auto detection is provided for direct wire connection to any Ethernet device including switches, hubs, or workstations without requiring a crossover cable. By viewing the front panel LED indicators, users can easily monitor network connection status.

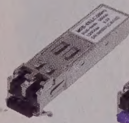
SWTC-PT2620	Planet 24 Port 10/100 Mbps Plus 2 Gig Port Ethernet Switch	139.00

SWTC-PT2620

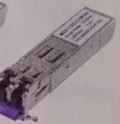
Planet 1000Base-SX/LX Mini-GBIC Modules

The MOD-MGBIC-SX and MOD-MGBIC-LX provide flexible, high speed Gigabit access to the SWTC-PT2400 triple speed Gigabit Ethernet switch. These small form factor GBICs support either multimode or single mode fiber cabling with a maximum distance of 10km (MOD-MGBIC-LX). These two Mini-GBIC interfaces are ideal for adding an uplink to a server or network backbone.

MOD-MGBIC-SX	Planet 1000Base-SX Mini-GBIC Module, 550m	49.00
MOD-MGBIC-LX	Planet 1000Base-LX Mini-GBIC Module, 10km	79.00



MOD-MGBIC-SX



MOD-MGBIC-LX

Planet 10/100/1000 Mbps Gigabit Ethernet Switch

The Planet five and eight port Gigabit Ethernet switches deliver cost effective, versatile high speed IP data connectivity to the desktop or data closet. These switches feature a compact footprint as well as a non-blocking switching architecture that guarantees wire-speed packet transfer. The RJ45 copper interfaces support 10/100/1000 Mbps auto-negotiation for optimal speed detection through RJ45 Category 6, 5 or 5e cables. MDI/MDIX auto detection is provided for direct wire connection to any Ethernet device without requiring crossover cables. The switches also feature 802.3x, full duplex flow control.

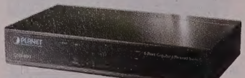
SWTC-PTG503	Planet 5 Port 10/100/1000 Mbps Gigabit Ethernet Switch	89.00
SWTC-PTG803	Planet 8 Port 10/100/1000 Mbps Gigabit Ethernet Switch	99.00

SWTC-PTG503

Planet 24 Port 100Base FX + 2 Port Gigabit Ethernet Switch

The Planet SWTC-FGSW2624SF is equipped with 24-Port 100Base-FX SFP (Small Factor Pluggable) ports and 2 Gigabit TP/SFP combo ports (port 25, 26). The 24 100Base-FX SFP ports are highly flexible and support distances up to 20Km. This switch is designed for many applications, such as FTTx installation for ISPs, campuses, and enterprises. This unit can be used with the following 100FX SFP modules which are sold separately: MFB-FX Multimode, and MFB-F20 Singlemode.

SWTC-FGSW2624SF	Planet 24 Port 100Base FX + 2 Port Gigabit Ethernet Switch	499.00



SWTC-PTG803

Planet 48 Port 10/100 Fast Ethernet Switch

The Planet 48 port 10/100Base-TX Fast Ethernet Switch provides an economical and high performance Ethernet switching solution. With increasing bandwidth requirements for local area networks, Planet's SWTC-PT4800 Fast Ethernet Switch is the ideal option to alleviate bottlenecks in client/server and peer-to-peer environments in a cost-effective way. This Switch provides a combination of 48 Fast Ethernet switching ports providing users with high-speed network connections. With its Auto-Negotiation capability, all the RJ45/STP ports can be configured to speeds of 10/20 Mbps or 100/200 Mbps automatically. In addition, this switch is equipped with the MDI/MDIX auto-detection for easily plug and play connections, regardless of cabling types. Both straight through and crossover cables are supported. The high-performance throughput at filtering/forwarding rate is up to 14,880 packets per second in 10 Mbps, and 148,800pps in 100 Mbps. Along with its dynamic shared memory buffer, the SWTC-PT4800 can boost bandwidth, eliminate unnecessary traffic and relieve congestion on your critical server path.

SWTC-PT4800	Planet 48 Port 10/100 Fast Ethernet Switch	225.00

SWTC-PT4800

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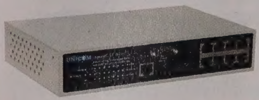
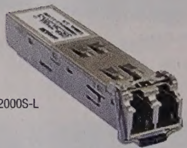
SWTC-32005T (Front View)

SWTC-32005T (Rear View)

GEP66424T

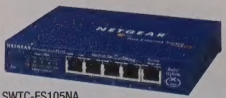


GEP63109T

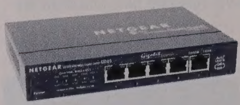


GEP22000S-L

SWTC-FS605NA



SWTC-FS105NA



SWTC-GS105NA

SWTC-GS724T

Unicom's Unmanaged 10/100 Mbps Ethernet Switches - 5 or 8 RJ45 Ports

The Mini-Switch 5 and 8 are super compact 10/100Base-TX switches. These parts represent the newest generation in Ethernet switching technology by supporting both 10 and 100 Mbps speeds, half or full-duplex transmission modes and auto MDI/MDIX crossover checking. Units include a 9 VDC power supply.

Item #	Description	List Price
SWTC-32005T	Unicom 5 Port 10/100 Mbps Unmanaged Ethernet Switch	25.00

Unicom DynaGST 24 Port Gigabit Switch with SFP Slots

The DynaGST 2402G Gigabit Ethernet switches are an ideal solution for solving traffic congestion at the core of the network. They offer auto-negotiating 10/100/1000Base-T Gigabit Ethernet ports that can significantly improve your network backbone performance. The DynaGST switches provide two mini GBIC Gigabit slots for Gigabit speed network connections. The DynaGST Gigabit Ethernet switches feature an Auto MDI/MDIX function for each port and support store-and-forward switching.

Item #	Description	List Price
GEP22000S-L	GBIC SFP Transceiver, 1000SX, LC, Multimode, 500m	99.00
GEP22100L-L	GBIC SFP Transceiver, 1000LX, LC, Single mode, 10km	199.00
GEP66424T	24 Port 10/100/1000Base-T with Four Slots for SFP	479.00

Unicom 8 Port 10/100 Managed Switch with 1000Base-T Port and SFP Slot

Unicom's SmartGST-900M managed switch is the newest generation of fast Ethernet switching technology. Eight 10/100Base-TX auto sensing, auto MDI/MDIX ports provide a completely flexible high-performance non-blocking full wire speed solution. Enhanced by its many features including one SFP GBIC port, one 1000Base-T port, VLAN tagging, port trunking, spanning tree, and broadcast storm filters, this switch is an ideal solution for campus and enterprise networks. The SmartGST-900M management features also include port-based, dynamic and static VLANs, GVRP, IGMP Snooping, port mirroring and port security. The SFP GBIC and 1000Base-T port offer high-speed long haul connections that eliminate bottlenecks to create the ideal backbone.

Item #	Description	List Price
GEP63109T	8 Port 10/100 Managed Switch with 1000Base-T Port and SFP Slot	329.00
GEP22000S-L	GBIC SFP Transceiver, 1000SX, LC, Multimode, 500m	99.00
GEP22100L-L	GBIC SFP Transceiver, 1000LX, LC, Single mode, 10km	199.00

Netgear 5 and 8 Port 10/100 Ethernet Switches (Plastic Case)

Netgear's 5-port Fast Ethernet Switch offers a simple solution for instantly expanding your network. This auto-switching Ethernet connection makes it easy to link up to 5 PC or Ethernet devices to your network. It supports both Windows and Macintosh platforms at speeds of 10 or 100 Mbps over Ethernet cables and works with virtually every operating system.

Item #	Description	List Price
SWTC-FS605NA	Netgear 5 Port 10/100Mbps Fast Ethernet Switch	29.00
SWTC-FS608NA	Netgear 8 Port 10/100Mbps Fast Ethernet Switch	49.00

Netgear 5, 8 and 16 Port 10/100 Ethernet Switches

Netgear's 10/100Mbps Fast Ethernet Switches provide your LAN with economical, high-speed, 10/100 Mbps auto-sensing connectivity. Just plug in your Ethernet cables and connect a power cord and you network is up and running. These switches are engineered without the need for an internal fan, thus providing silent operation. The switches feature a very compact footprint and a sturdy metal case for years of dependable use.

Item #	Description	List Price
SWTC-FS105NA	Netgear 10/100MB 5 Port RJ45 Switch	32.00
SWTC-FS108NA	Netgear 10/100MB 8 Port RJ45 Switch	52.00
SWTC-FS108P	Netgear 10/100MB 8 Port w/ 4 POE Ports Switch	159.00
SWTC-FS116NA	Netgear 10/100MB 16 Port RJ45 Switch	85.00

Netgear 5 and 8 Port 10/100/1000 Ethernet Switches

Netgear's Gigabit Switches offer users high-speed network connections in a compact cost effective switch. The GS series switches feature auto-negotiation between 10, 100, and 1000MB connections allowing users to migrate to higher speeds over time. With Auto uplink and full duplex operation, these Netgear Gigabit switches make connections simple and fast. Includes an external power supply.

Item #	Description	List Price
SWTC-GS105NA	Netgear 10/100/1000MB 5-Port RJ45 Switch	79.00
SWTC-GS108NA	Netgear 10/100/1000MB 8-Port RJ45 Switch	119.00

Netgear 10/100/1000 24-Port plus 2 SFP Gigabit Ethernet Switch

This Netgear 24-port Gigabit Ethernet switch is high on value and capability. With 24 10/100/1000 Mbps ports, each capable of powering 2,000 Mbps of data throughput in full-duplex mode, plus two optional fiber ports, the SWTC-GS724T provides a fast backbone and connects servers or power users, delivering large amounts of multimedia, image, and video information in no time at all. In addition, an intuitive, web-browser interface offers simple Smart Switch management, making it a snap to monitor switch performance, configure ports, even set up port trunks, VLANs, and traffic prioritization. Alternatively, use SNMP-based software to manage your Smart Switch.

Item #	Description	List Price
SWTC-GS724T	Netgear 10/100/1000MB 24-Port plus 2 SFP Gigabit Ethernet Switch	349.00

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Same day shipping
Orders placed before 4:00 EST
ship the same day.

RoHS IES-Series 5, 8 and 16 Port 10/100TX Industrial Ethernet Switches

L-com's IES-Series Industrial Ethernet Switch line offers ease of deployment, cost savings and robust switching. These rugged Industrial Ethernet switches feature auto-negotiating 10/100 RJ45 ports as well as easy to read system status LEDs. These switches are powered by an external 24V DC power supply (sold separately) and feature standard 35mm DIN rail mounting brackets. The IES-series switches are unmanaged and can be installed in minutes providing industrial network connectivity for myriad applications including industrial automation, factory automation, process control networking and energy network connectivity.

Item #	Description	List Price
IES-2205	IES-Series 5 Port 10/100TX Industrial Ethernet Switch	110.00
IES-2208	IES-Series 8 Port 10/100TX Industrial Ethernet Switch	159.00
IES-2216	IES-Series 16 Port 10/100TX Industrial Ethernet Switch	389.00

RoHS IES-2206 Series Industrial Ethernet Switches

The IES-2206 Series Industrial Ethernet Switches feature four 10/100TX RJ45 ports and two fiber SC ports supporting Ethernet IP communications at 100Mbps. These easy to install DIN rail mountable Industrial Ethernet switches are perfect for applications where IP enabled devices require networked communications. The rugged switches can be mounted to standard 35mm DIN rail and are powered by a 24V DC power supply (sold separately). Easy to read LEDs provide at-a-glance system monitoring.

Item #	Description	List Price
IES-2206-M2	IES-2206 4 Port 10/100TX, 2 Port 100FX SC MM 2km	199.00
IES-2206-S20	IES-2206 4 Port 10/100TX, 2 Port 100FX SC SM 20km	219.00
IES-2206-S40	IES-2206 4 Port 10/100TX, 2 Port 100FX SC SM 40km	269.00
IES-2206-S60	IES-2206 4 Port 10/100TX, 2 Port 100FX SC SM 60km	499.00
IES-2206-S80	IES-2206 4 Port 10/100TX, 2 Port 100FX SC SM 80km	849.00

RoHS IES-2210 Series Industrial Ethernet Switches

L-com's IES-2210 Series Industrial Ethernet Switches feature eight 10/100TX RJ45 ports and two fiber SC ports supporting Ethernet IP communications at 100Mbps. These easy to install DIN rail mountable Industrial Ethernet switches are perfect for applications where IP enabled devices require networked communications. The rugged switches can be mounted to standard 35mm DIN rail and are powered by a 24V DC power supply (sold separately). Easy to read LEDs provide at-a-glance system monitoring. The IES-series switches are unmanaged and can be installed in minutes providing industrial network connectivity for myriad applications including industrial automation, factory automation, process control networking and energy network connectivity.

Item #	Description	List Price
IES-2210-M2	IES-2210 8 Port 10/100TX, 2 Port 100FX SC MM 2km	399.00
IES-2210-S20	IES-2210 8 Port 10/100TX, 2 Port 100FX SC SM 20km	419.00
IES-2210-S40	IES-2210 8 Port 10/100TX, 2 Port 100FX SC SM 40km	459.00
IES-2210-S60	IES-2210 8 Port 10/100TX, 2 Port 100FX SC SM 60km	639.00
IES-2210-S80	IES-2210 8 Port 10/100TX, 2 Port 100FX SC SM 80km	989.00

RoHS IES-2220 Series Industrial Ethernet Switches

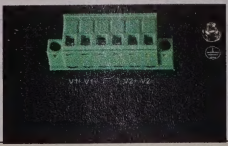
IES-2220 Series Industrial Ethernet Switches are perfect for applications where IP enabled devices require networked communications. The rugged switches can be mounted to standard 35mm DIN rail and are powered by a 24V DC power supply (sold separately). Easy to read LEDs provide at-a-glance system monitoring. These IES-series switches are unmanaged and can be installed in minutes providing industrial network connectivity for myriad applications including industrial automation, factory automation, process control networking and energy network connectivity.

Item #	Description	List Price
IES-2220-M2	IES-2220 16 Port 10/100TX, 4 Port 100FX SC MM 2km	679.00
IES-2220-S20	IES-2220 16 Port 10/100TX, 4 Port 100FX SC SM 20km	689.00
IES-2220-S40	IES-2220 16 Port 10/100TX, 4 Port 100FX SC SM 40km	759.00
IES-2220-S60	IES-2220 16 Port 10/100TX, 4 Port 100FX SC SM 60km	995.00
IES-2220-S80	IES-2220 16 Port 10/100TX, 4 Port 100FX SC SM 80km	1349.00

IES Series Industrial Ethernet Switches

DIN Rail Mounting

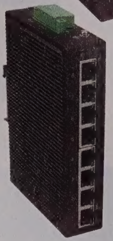
Dual Power Input Plus Relay

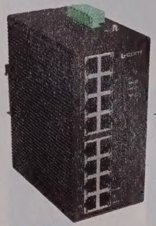


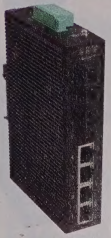
Ribbed Aluminum Heat Sink Case

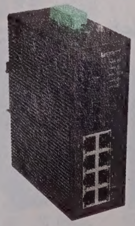
- 10Base-T/100Base-TX Full/Half Duplex support
- MDI-MDI-X support
- Broadcast Storm protection
- Redundant power inputs
- Fan-less design
- DIN Rail mounting
- MAC Address Table Size: 1K
- Forwarding Rate: 148,800pps
- Operating Temp: -40°C to +70°C
- Relay output option for visual or audible alarms

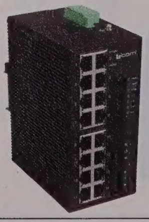
New
IES-2205


New
IES-2208


New
IES-2216

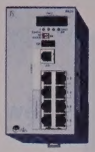

New
IES-2206


New
IES-2210


New
IES-2220

We want to help you!
See a complete list of free tips, tutorials and videos at L-com.com/Tips

Global Connectivity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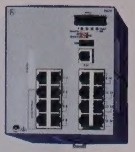
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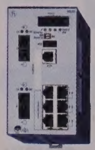
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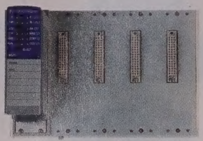
M-SFP-LX/LC


MS20-1600SAAE

RS2-TX

EAGLE-1TX-1TX

RS2-5TX

RS2-5TX/FX

Best Seller

SWTC-SPIDER5TX

RH1-TP

RPS30

RPS120-EEC

Hirschmann OpenRail RS20/RS30 Managed 24V DC Industrial Ethernet Switches

Hirschmann's new OpenRail line of managed industrial Ethernet switches takes advantage of evolving technologies by providing greater functionality and lower cost. These managed switches are an update to the RS2/Rail switches. The Rail family (RS20 & RS30) includes more port options with 4, 8, 16 or 24 Fast Ethernet ports and the option of two Gigabit Ethernet ports (RS30). These switches are available with a choice of "enhanced" or "professional" firmware. Users can decide which functionality their application requires and select the appropriate firmware option without having to pay for features they do not need. Features like IGMP Snooping and HIPER Ring are available in all OpenRail switches. These robust switches also feature a USB port for backing up and restoring the configuration using an Auto-Configuration Adapter or USB drive.

Item #	Description	List Price
RS20800T1T1SDAE	OpenRail Switch 8 10/100TX	1125.00
RS21600T1T1SDAE	OpenRail Switch 16 10/100TX	1890.00
RS20800M2M2SDAE	OpenRail Switch 6 10/100TX 2 Multimode SC	1560.00
RS20800S2S2SDAE	OpenRail Switch 6 10/100TX 2 Single mode SC	1935.00
RS308020606SDAE	OpenRail Switch 8 10/100TX 2 Gig SFP	1605.00
RS32402T1T1SDAE	OpenRail Switch 24 10/100TX 2 10/100/1000TX	3345.00
M-SFP-SX/LC	SFP 1000BASE-SX LC 550m	188.00
M-SFP-LX/LC	SFP 1000BASE-LX LC 20km	338.00
M-SFP-LH/LC	SFP 1000BASE-LX LC 70km	1875.00
M-SFP-LH+/LC	SFP 1000BASE-LX LC 120km	3300.00

Hirschmann (MICE) Managed Modular 8 Port Ethernet/Fast Ethernet Rail Switch

Hirschmann Modular Industrial Communication Equipment (MICE) Ethernet/Fast Ethernet switches offer a unique combination of network management tools, redundancy features for high availability and modular media plug-ins for versatility. The compact switches are DIN Rail mountable, with redundant 24-volt power supplies and are compatible with 10BASE-T, 10BASE-FL, 100BASE-TX and 100BASE-FX. The switches will accommodate twisted pair, single mode or multimode fiber optic connections. MICE switches are made up of an integrated backplane and a modular dock that accepts the various media modules. The switches support SNMP management, web-based management, port mirroring, port security, remote monitoring (RMON), bootstrap protocol (BootP), Dynamic Host Configuration Protocol (DHCP) and Hirschmann's unique HIPER Ring. Hirschmann's HIPER Ring provides high availability through self-healing ring redundancy. The switches' rugged construction meets all standards for industrial Ethernet, making them suitable for applications where EMI interference, shock, vibration and temperature might otherwise cause concern.

MS20-0800SAAE	MICE Backplane 2 Slots	1050.00
MS20-1600SAAE	MICE Backplane 4 Slots	1875.00
MS30-1602SAAE	MICE Backplane 4 10/100 Slots 1 Gig Slot	2325.00
MB-2T	2 Slot Expansion Backplane for MS3124-4	194.00
MM2-4TX1	4 10/100 Mbps RJ45 Ports	315.00
MM2-4FXM3	4 100 Mbps Multimode MT-RJ Ports	1170.00
MM2-2FXM2	2 100 Mbps Multimode SC Ports	630.00
MM2-2FXS2	2 100 Mbps Single mode SC Ports	1290.00
MM2-2FXM3/2TX1	2 10/100 Mbps RJ45s plus 2 100 Mbps Multimode MT-RJ Ports	743.00

Hirschmann 100 Mbps 24 VDC 8 Port DIN Rail Auto-negotiating Switch (8 Shielded RJ45 Ports)

The RS2-TX Rail switch provides a fast, easy and cost-effective solution for configuring small Fast Ethernet networks. Features eight auto-negotiating twisted pair ports with shielded RJ45 connectors. The 24V operating voltage is supplied via a plug-in terminal block which can be configured for redundancy. Integrated LEDs display device and network status for fast on-site troubleshooting.

RS2-TX	DIN Rail 10/100Base-TX Switch	485.00

Hirschmann Eagle Series Industrial Firewall System

The Hirschmann Eagle series security firewalls provide secure access to and from your Ethernet network. These IP Routers feature one trusted port and one untrusted port to control user access to critical network services such as servers and PC's. Security features include NAT, PPoE, PPTP, APR limiter, MAC filtering and Kaspersky anti virus engine. These routers are powered by an external 24V DC power supply (sold separately) and are IP20 rated for harsh environments.

EAGLE-1TX-1TX	Eagle Firewall System 1 RJ45 Trusted, 1 RJ45 Untrusted	1595.00
EAGLE-1TX-1FX	Eagle Firewall System 1 SC MM Trusted, 1 RJ45 Untrusted	1795.00

Hirschmann Industrial Compact Ethernet Rail Switches

Hirschmann Industrial Compact Switches provide the industrial customer with a cost effective way to add Ethernet connectivity on the factory floor. These switches auto-negotiate between equipment with 10 Mbps or 100 Mbps connections. The Hirschmann Industrial line features rugged metal enclosures and DIN Rail mounting. The switches also feature redundant 24VDC inputs and an open relay contact to facilitate connection to PLCs, allowing reaction to malfunction or process control alarms. The FX switches feature the extended range of fiber optic cabling via an integrated multimode fiber optic port. The fiber port can be used to create a fiber optic backbone to a central control room.

RS2-5TX	Hirschmann Industrial Switch 10/100 Mbps 5-Port RJ45	392.00
RS2-5TX/FX	Hirschmann Industrial Switch 10/100 Mbps 4 RJ45s + 1 Multimode MT-RJ	513.00

Hirschmann Unmanaged SPIDER 10/100 Ethernet Rail Switches

The Hirschmann SPIDER unmanaged Industrial Ethernet Rail Switches are the perfect small form factor solution for your Industrial Ethernet connectivity needs. Each switch features store and forward operation which stops corrupt packets from entering your network and five RJ45 10/100Base-TX Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s) Ports, which support auto-crossing, auto-negotiation, and auto-polarity. The SPIDER family utilizes a 24V DC Power source (sold separately) and is DIN rail mountable.

SWTC-SPIDER3TX	Hirschmann Unmanaged SPIDER 3 Port 10/100 Ethernet Rail Switch	143.00
SWTC-SPDR4TX1FX	Hirschmann Unmanaged SPIDER 4 Port 10/100 1 Port 100FX Ethernet Rail Switch	210.00
SWTC-SPIDER5TX	Hirschmann Unmanaged SPIDER 5 Port 10/100 Ethernet Rail Switch	150.00

Hirschmann 10 Mbps 24 VDC 4 Port DIN Rail Hub (4 Shielded RJ45 Ports)

The Rail Hub RH1-TP is the perfect choice and cost-effective expansion of industrial networks. This unit has four twisted pair ports and can be easily fixed on a standard DIN Rail without any further configuration. The 24 VDC operating voltage is supplied through the terminal block and can also be configured for redundancy. Built-in LEDs indicate collisions, link status, power failure and data receipt for on-site diagnostics.

RH1-TP	4 Port DIN Rail Hub (4 10Base-T Ports)	353.00

Hirschmann 24 VDC DIN Rail Power Supply

The RPS30, RPS60 and RPS120 24V DC power supplies are used when access to 24 VDC power at your DIN rail is not present. The RPS Series supports versatile, selectable input voltage ranging from 100-120/220-240 VAC. Additionally, these power supplies feature easy to reach front mounted connection blocks and high short-circuit current, giving the devices a large 'start-up window' meaning the units start reliably even with awkward loads experienced with DC-DC converters, motors etc.

RPS30	24 VDC DIN Rail Power Supply, 1.3A	135.00
RPS80-EEC	24 VDC DIN Rail Power Supply, 3.4A	218.00
RPS120-EEC	24 VDC DIN Rail Power Supply, 5A	345.00

"I would appreciate if you could pass my thanks along to Kenny (Government Account Rep). He is by far the best sales representative I deal with and he gives unequaled customer support." - Greg P.

EtherWAN Unmanaged Industrial Ethernet Switches

The EX42000 series compact Fast Ethernet Switches are equipped with 10/100Base-TX RJ45 ports and Multimode or Single mode fiber uplink ports (EW-420141A and EW-420142A). By using standard auto-negotiation and the inclusion of auto-MDIX, EtherWAN provides a cost-effective way of integrating legacy 10Mbps networks with 100Mbps Fast Ethernet networks. The TX ports auto-negotiate for 10/100Mbps speed and auto-detect Full or Half-duplex mode. EX42000 series Switches can be DIN-Rail mounted and are equipped with terminal block power inputs.

Item #	Description	List Price
EW-42005	EtherWAN Unmanaged Industrial Ethernet Switch 5 10/100TX Ports	85.00
EW-43008	EtherWAN Unmanaged Industrial Ethernet Switch 8 10/100TX Ports	124.00
EW-420141A	EtherWAN Unmanaged Industrial Ethernet Switch 4 10/100TX Ports, 1 100FX 2Km	169.00
EW-420142A	EtherWAN Unmanaged Industrial Ethernet Switch 4 10/100TX Ports, 1 100FX 20Km	269.00

EW-42005

EtherWAN Managed Industrial Ethernet Switch 8 10/100TX Ports

The EX61000 series is designed to operate in harsh environments on the factory floor. The EX61000 functions at temperatures ranging from -10°C to 60°C (14°F to 140°F). The EX61000 will provide flawless communications when you need it most. The EX61000 is a managed switch with the flexibility of eight 10/100 Ethernet ports that may be configured in various combinations of copper and fiber optic interfaces.

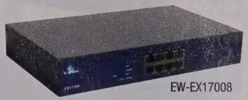
EW-61008	EtherWAN Managed Industrial Ethernet Switch 8 10/100TX Ports	559.00

EW-61008

EtherWAN 10/100TX PoE Switches - Web Based Management

EtherWAN's EX17000 Series PoE 10/100BASE Fast Ethernet Web-Smart PoE Ethernet Switches are designed to operate in the small or medium network environment to provide Power to PoE driven devices, such as PoE IP cameras. These PoE switches may be desktop or rack mounted and all ports support IEEE802.3af Power over Ethernet (PoE) Power Sourcing Equipment (PSE) and can detect an IEEE802.3af compliant Powered Device (PD). Additionally the EX17000 Series switches feature a web browser interface that allows the user to configure IP settings, Port Based VLAN, QoS settings, and more.

EW-EX17008	EtherWAN Web Based Managed Industrial Ethernet Switch 8 10/100TX PoE Ports	223.00
EW-EX17016	EtherWAN Web Based Managed Industrial Ethernet Switch 16 10/100TX PoE Ports	369.00


EW-EX17008

EtherWAN 24V and 48V AC/DC DIN Rail Power Supplies

EtherWAN offers several versions of AC/DC DIN Rail power supplies for providing safety low voltage to Its Industrial Ethernet Switch and media converter lines. The EW-24VDC-30 provides 24 V DC power @ 30 watts to connected equipment and the EW-48VDC-120 provides up to 48 volt DC @ 120 Watts.

EW-24VDC-30	EtherWAN Unmanaged 24V DC 30 Watt DIN Rail Power Supply	79.00
EW-48VDC-120	EtherWAN Unmanaged 48V DC 120 Watt DIN Rail Power Supply	189.00

EW-48VDC-120

Korenix JetNet 4706 Managed Industrial 6 Port Ethernet PoE Switch, 48V

JetNet 4706 four port 10/100TX PoE with 2 redundant 10/100TX uplink ports is designed for industrial PoE applications such as IP surveillance or wireless access points, where power sources are not readily available. It supports intelligent PoE control and schedule management; each of the four PoE ports can be configured into a weekly schedule on an hourly basis. In addition, PoE on/off can be remote controlled via SNMP and Web. Patented Rapid Super Ring technology (RSR) with backup system recovery time less than 5ms. Optional Fiber Optic uplink available.

JETNET 4706	Managed Industrial 6 Port Ethernet PoE Switch	739.00

JETNET 4706

Korenix JetNet Industrial Switch 7 Port 10/100TX, 3 Gig RJ-45/SFP Combo

Korenix's JetNet is used to provide Ethernet LAN connectivity in harsh environments such as water treatment plants, manufacturing facilities and highway/tunnel systems. Auto MDI/MDI-X allows for cable flexibility. DIN Rail or wall mount options offers location flexibility. Dual power input DC12~48V.

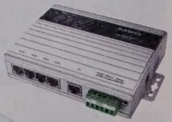
JETNET 3010G	Industrial Switch 7 Port 10/100TX, 3 Gig RJ-45/SFP Combo	329.00

JETNET 3010G

Korenix JetNet Industrial Switch 5 Port 10/100TX PoE

The JetNet Series from Korenix offers a variety of state-of-art managed and unmanaged Ethernet switches meeting all your industrial networking needs. These cost effective, rugged switches were designed for harsh applications such as manufacturing floors, processing plants, and other areas where commercial grade switches would fail.

JETNET 3705	Industrial Switch 5 Port 10/100TX PoE	239.00


JETNET 3705

Korenix JetNet 4510G Managed Industrial 10 Port 10/100 Ethernet Switch

JetNet 4510 is an industrial Managed Fast Ethernet Switch, designed with 7 10/100TX and 3 10/100 RJ-45 / 100FX SFP combo ports. The flexible 3 combo ports offer flexibility for additional fiber connections by plugging different types of 100MM SFP modules, which can support 2KM in multimode or 120KM in single mode. The combo ports make port combination even easier, such as 8 RJ ports and 2 fiber ports, or 9 RJ ports and 1 fiber port. The standard 10 port Fast Ethernet switch greatly reduces total cost by up to 15% for fiber uplink network. SFP sold separately.

JETNET 4510	Managed Industrial 10 Port 10/100 Ethernet Switch	719.00

JETNET 4510

Korenix JetNet 5010G Managed Industrial 10 Port 10/100/1000 Ethernet Switch

JetNet 5010G is a Managed Industrial Ethernet Switch equipped with 7 10/100TX ports and 3 10/100/1000 RJ-45/100-FX/Gigabit SX/LX combo ports. 2 of the gigabit ports are used to form the nonstop Rapid Super Ring; the 3rd gigabit port is used to connect the upper switch, couple ring or public server. The gigabit combo port design allows for flexibility to choose copper or fiber media, 100Base-FX or 1000Base-X, multimode or single mode, for different distances and without stocking different switch models. SFP sold separately.

JETNET 5010G	Managed Industrial 10 Port 10/100/1000 Ethernet Switch	779.00

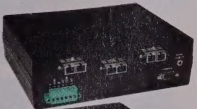
JETNET 5010G

Informative e-mail newsletters
Our newsletters are packed with tips, tutorials,
product info and downloads! L-com.com/Newsletter

6100900
Back view

6100900
Front view

New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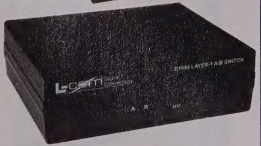
Back view

6100963
Front view

New

6100966
Back view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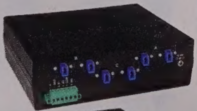
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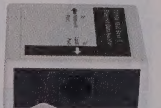
Front view

New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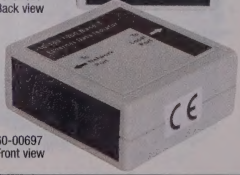

60-00697
Front view

L-com Category 6 A/B Switch Boxes

L-com's Category 6 A/B Network Switches are physical layer hardware solutions which support a variety of switching, or access and control applications all in a compact desktop enclosure. These switch boxes feature a unique relay technology that supports the switching mechanism. Non-latching or latching relay configurations are available. The non-latching units provide automatic fail-over to the default Port A to C connection state when power fails or is removed. Latching relays provide the benefit of maintaining the flow of data between the connected devices even when power is removed. Additionally, all units incorporate a proprietary physical interface that enables these switch boxes to meet or exceed the stringent requirements of the Category 6 specification. This allows them to pass 10/100/1000Mbps and 10Gbps data rates. Note: The Ethernet models may be controlled via telnet, web browser or SNMP. Ships with a universal 12V DC power supply with four different style county plugs.

✓RoHS L-com Category 6 A/B Network Switches (RJ45 Ports)

Item #	Description	List Price
6100900	CAT6 A/B Network Switch - Latching	279.00
6100901	CAT6 A/B Network Switch - Non-Latching	247.95
6100902	CAT6 A/B Network Switch w/ Serial Control - Latching	299.00
6100903	CAT6 A/B Network Switch w/ Serial Control - Non-Latching	289.00
6100904	CAT6 A/B Network Switch w/ IP Ethernet Control - Latching	389.00
6100905	CAT6 A/B Network Switch w/ IP Ethernet Control -Non Latching	379.00

L-com Fiber Optic A/B Switch Boxes (Multimode and Single mode)

L-com's fiber optic A/B Network Switches support a variety of switching, or access and control applications all in a compact desktop enclosure. These fiber optic switch boxes feature a unique relay technology that supports the switching mechanism. Non-latching or latching relay configurations are available. The non-latching units provide automatic fail-over to the default Port A to C connection state when power fails or is removed. Latching versions provide the benefit of maintaining the flow of data between the connected devices even when power is removed. Note: The Ethernet models may be controlled via telnet, web browser or SNMP. Ships with a universal 12V DC power supply with four different style county plugs.

✓RoHS L-com Multimode Fiber Switch A/B Boxes (Duplex SC Connectors)

Item #	Description	List Price
6100954-L	Multimode SC Fiber A/B Switch w/Serial Control - Latching	775.00
6100955-L	Multimode SC Fiber A/B Switch w/Serial Control - Non-Latching	765.00
6100960-L	Multimode SC Fiber A/B Switch - Latching	745.00
6100961-L	Multimode SC Fiber A/B Switch w/Ethernet Control - Latching	860.00
6100962-L	Multimode SC Fiber A/B Switch - Non-Latching	735.00
6100963-L	Multimode SC Fiber A/B Switch w/Ethernet Control - Non-Latching	850.00

✓RoHS L-com Multimode Fiber Switch A/B Boxes (Duplex ST Connectors)

Item #	Description	List Price
6100956-L	Multimode ST Fiber A/B Switch w/Serial Control - Latching	775.00
6100957-L	Multimode ST Fiber A/B Switch w/Serial Control - Non-Latching	765.00
6100961-L	Multimode ST Fiber A/B Switch w/Ethernet Control - Latching	860.00
6100964-L	Multimode ST Fiber A/B Switch - Latching	745.00
6100966-L	Multimode ST Fiber A/B Switch - Non-Latching	735.00
6100965-L	Multimode ST Fiber A/B Switch w/Ethernet Control - Non-Latching	860.00

✓RoHS L-com Multimode Fiber Switch A/B Boxes (Duplex LC Connectors)

Item #	Description	List Price
6100958-L	Multimode LC Fiber A/B Switch w/Serial Control - Latching	975.00
6100959-L	Multimode LC Fiber A/B Switch w/Serial Control - Non-Latching	965.00
6100968-L	Multimode LC Fiber A/B Switch - Latching	945.00
6100969-L	Multimode LC Fiber A/B Switch w/Ethernet Control - Latching	1060.00
6100970-L	Multimode LC Fiber A/B Switch - Non-Latching	935.00
6100971-L	Multimode LC Fiber A/B Switch w/Ethernet Control - Non-Latching	1050.00

✓RoHS L-com Single mode Fiber Switch A/B Boxes (Duplex SC Connectors)

Item #	Description	List Price
6100938-L	Single mode SC Fiber A/B Switch w/Serial Control - Latching	1145.00
6100939-L	Single mode SC Fiber A/B Switch w/Serial Control - Non-Latching	1135.00
6100973-L	Single mode SC Fiber A/B Switch w/Ethernet Control - Latching	1290.00
6100972-L	Single mode SC Fiber A/B Switch - Latching	1115.00
6100974-L	Single mode SC Fiber A/B Switch - Non-Latching	1105.00
6100975-L	Single mode SC Fiber A/B Switch w/Ethernet Control - Non-Latching	1280.00

✓RoHS L-com Single mode Fiber Switch A/B Boxes (Duplex ST Connectors)

Item #	Description	List Price
6100934-L	Single mode ST Fiber A/B Switch w/Serial Control - Latching	1145.00
6100935-L	Single mode ST Fiber A/B Switch w/Serial Control - Non-Latching	1135.00
6100976-L	Single mode ST Fiber A/B Switch - Latching	1115.00
6100977-L	Single mode ST Fiber A/B Switch w/Ethernet Control - Latching	1290.00
6100978-L	Single mode ST Fiber A/B Switch - Non-Latching	1105.00
6100979-L	Single mode ST Fiber A/B Switch w/Ethernet Control - Non-Latching	1280.00

✓RoHS L-com Single mode Fiber Switch A/B Boxes (Duplex LC Connectors)

Item #	Description	List Price
6100936-L	Single mode LC Fiber A/B Switch w/Serial Control - Latching	1345.00
6100937-L	Single mode LC Fiber A/B Switch w/Serial Control - Non-Latching	1335.00
6100980-L	Single mode LC Fiber A/B Switch - Latching	1315.00
6100981-L	Single mode LC Fiber A/B Switch w/Ethernet Control - Latching	1490.00
6100982-L	Single mode LC Fiber A/B Switch - Non-Latching	1305.00
6100983-L	Single mode LC Fiber A/B Switch w/Ethernet Control - Non-Latching	1480.00

✓RoHS L-com 10/100/1000 Ethernet Data Isolator

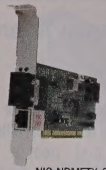
L-com's 60-00697 data isolators are fully self-contained devices that protect valuable network equipment from damaging surges and power anomalies that commonly occur across network cabling. Operation and installation is quick and easy. Simply plug these devices in-line between two Ethernet cables and your equipment is protected. Each unit is fully RoHS compliant and has been certified to meet the EN60601-1 European Medical Device Directive making them ideal for hospital and medical laboratory environments.

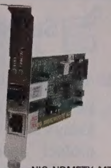
Item #	Description	List Price
60-00697	10/100/1000 Ethernet Data Isolator	179.00

Transition Networks Fast Ethernet 10/100Base-TX + 100Base-FX Dual Media NIC

The Fast Ethernet Dual Media NIC provides both a 10/100Base-TX copper port and a 100Base-FX fiber port to allow ultimate flexibility for installation in both new and legacy LAN environments. With myriad driver support for most popular operating systems and PCI 2.2 plug-and-play capability makes installation a breeze in virtually any PC in your network.

Item #	Description	1-9	10-24	25-99	100-249	250-499
NIC-NDMFTX-SC	Dual Media 10/100Base RJ45 - 100Base-FX SC Multimode Adapter	169.00	165.62	162.24	158.86	155.48
NIC-NDMFTX-ST	Dual Media 10/100Base RJ45 - 100Base-FX ST Multimode Adapter	179.00	175.42	171.84	168.26	164.68
NIC-NDMFTX-SC5	Dual Media 10/100Base RJ45 - 100Base-FX SC Multimode Adapter(5km)	259.00	253.82	248.64	243.46	238.28
NIC-NDMFTXSC20	Dual Media 10/100Base RJ45 - 100Base-FX SC Multimode Adapter(20km)	289.00	283.22	277.44	271.66	265.88
NIC-NDMFTX-MT	Dual Media 10/100Base RJ45 - 100Base-FX MTRJ Multimode Adapter	199.00	195.02	191.04	187.06	183.08


NIC-NDMFTX-SC5


NIC-NDMFTX-MT

Transition Networks Fast Ethernet 100Base-TX to 100Base-FX PCI Media Converters

Deliver low cost, fiber optic connectivity to the desktop with these full-featured PCI powered media converters, designed to install directly inside a workstation or file server and mount into any slot on a standard PCI. No configuration is required; making installation a breeze. Since power is drawn directly from the PCI slot, no additional power supply is needed.

Item #	Description	1-9	10-24	25-99	100-249	250-499
CVTR-TXFX-ST	PCI Media Converter 100Base-TX - 100Base-FX ST Multimode	279.00	273.42	267.84	262.26	256.68
CVTR-TXFX-SC	PCI Media Converter 100Base-TX - 100Base-FX SC Multimode	279.00	273.42	267.84	262.26	256.68
CVTR-TXFX-SC20	PCI Media Converter 100Base-TX- 100Base-FX SC Single mode (20km)	529.00	518.42	507.84	497.26	486.68

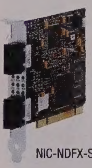
CVTR-TXFX-ST

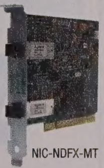
CVTR-TXFX-SC

Transition Networks Redundant Fast Ethernet 100Base-FX Adapter Cards

Maintain network stability and reliability with a redundant NIC. Dual-port NICs provide redundancy and if port failure is detected, the auto-failover feature automatically transfers network communications to the secondary port without disrupting the network. Whether it's a desktop solution or network server, using a redundant NIC with auto-failover guarantees consistent reliable network performance.

Item #	Description	List Price
NIC-NDFX-ST	Transition Networks NIC Redundant 100Base-FX ST Multimode	459.00
NIC-NDFX-SC	Transition Networks NIC Redundant 100Base-FX SC Multimode	459.00
NIC-NDFX-MT	Transition Networks NIC Redundant 100Base-FX MTRJ Multimode	459.00

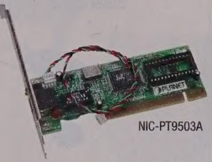

NIC-NDFX-SC


NIC-NDFX-MT

Planet 10/100Base-TX PCI Adapter with Wake On LAN

The NIC-PT9503A 10/100 Ethernet adapter is designed for use with desktop PCs with 32-bit PCI expansion slots. This adapter supports both 10Base-T and 100Base-TX networks right out of the box. The adapters 10/100 RJ45 port automatically detects a network's maximum speed and adjusts itself accordingly. Additionally, the adapter features Wake-On-LAN (WOL) event management.

Item #	Description	List Price
NIC-PT9503A	Planet 10/100Base-TX PCI Adapter RJ45	9.95


NIC-PT9503A

Planet 10/100 Mbps Cardbus PCMCIA Ethernet Adapter

The NIC-PT3504-FC can be used in any laptop computers 32 Bit PCMCIA slot. This adapter features a single RJ45 port for connecting to Ethernet network devices. Additionally, this adapter complies with PCMCIA Release 2 Type II and JEIDA v4.x standards. Support for auto negotiation as well as half and full duplex operation is included. The NIC-PT3504-FC is the perfect plug and play solution for your PCMCIA adapter needs.

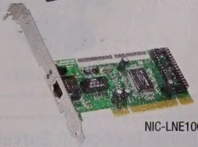
Item #	Description	List Price
NIC-PT3504-FC	Planet 10/100 Mbps CardBus PCMCIA Ethernet Adapter	19.95

NIC-PT3504-FC

Linksys EtherFast® 10/100 Mbps LAN PCI Card

The Linksys EtherFast 10/100 Mbps LAN Card is a high performance network adapter for desktop computers with 32-bit PCI expansion slots. The card's 10/100 Mbps combo RJ45 port automatically detects a network's maximum speed and adjusts itself accordingly. This PC card also features Wake-On-LAN (WOL) event management. If the installed PCI motherboard has built-in WOL support, you'll be able to remotely turn on that computer.

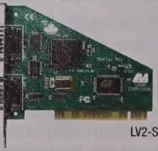
Item #	Description	List Price
NIC-LNE100TX	Linksys EtherFast 10/100 Mbps LAN PCI Card	21.00


NIC-LNE100TX

Linksys 32-bit 10/100/1000 PCI Gigabit Ethernet Adapter

The Linksys Instant Gigabit Network Adapter is a high performance network adapter for PCI local bus computers. Boasting an incredible maximum data throughput of 2,000 megabits-per-second in full duplex mode, it includes a 10BaseT/100BaseTX/1000BaseTX port, which means that you can begin integrating Gigabit now-even if you don't plan on upgrading to a 1000Mbps network right away. The Instant Gigabit Network Adapter is Windows Plug-and-Play compatible. The card also runs on most operating systems, including Windows 2000. Wake-On-LAN support is built in-you can wake up your workstations from anywhere on the network. Built-in support for the widest range of PCI motherboards, networking hardware, and software means you don't have to worry about compatibility.

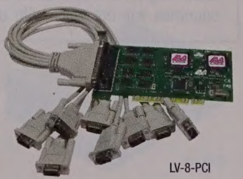
Item #	Description	List Price
NIC-EG1032	Linksys EtherFast 10/100/1000 Mbps LAN PCI Card	35.95


LV2-SERIAL-PCI

Lava PCI Bus 16550 DB9 Single and Dual Serial Cards

The Lava single and dual interface serial cards strength lies in their Moko S-1 ASIC's (application-specific integrated circuit). This advanced chip, only available on Lava products, consolidates a number of separate components into one chip. This virtually eliminates any possibility of component failure; another reason Lava confidently offers the Lava Lifetime Warranty. The LV-1-SERIAL-PCI features a single DB9 RS-232 serial interface, and the LV-2-SERIAL-PCI features dual DB9 RS-232 ports. These products support high-speed data transfers of up to 115.2 kbps and automatically select next available IRQ and COM addresses. Covered by a manufacturer's Lifetime warranty.

Item #	Description	List Price
LV-1-SERIAL-PCI	Lava PCi Bus 16550 DB9 Single Serial Card	39.00
LV-2-SERIAL-PCI	Lava PCi Bus 16550 DB9 Dual Serial Card	45.00
LV-8-PCI	Lava Octopus 550 Eight Port Serial Card	163.00


LV-8-PCI

To see our entire product offering
go to...L-com.com

Surveillance Tutorial

What is Surveillance?

Surveillance means to watch or watch over. In today's society the act of surveillance is used to protect assets and people. Many times surveillance evidence such as recorded video is used in courts of law as part of the prosecution or defense.

How are Surveillance products used?

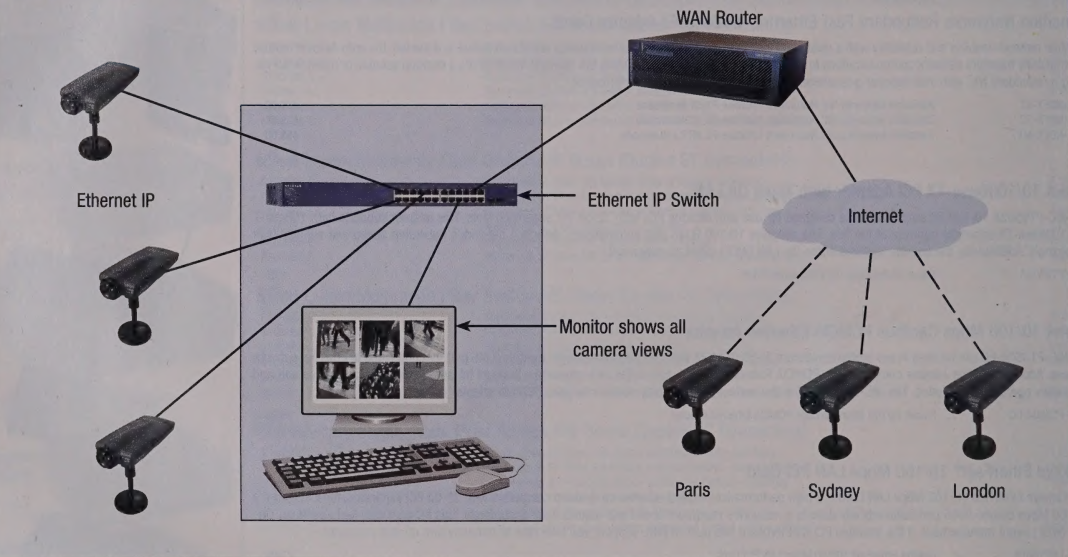
Many different products are used in surveillance systems including cameras, cabling, adapters, Digital Video Recorders (DVR's) and monitors.

Typically a camera (digital or analog) is set up in the surveillance area. These cameras can either be hidden or in plain site (often used as a deterrent to crime) depending on the application. The camera is connected via copper or fiber cabling back to a central control area where personnel monitor displays. Many times a DVR is used to record a specific time frame such as a 24 hour period. This recorded footage can be replayed if there are no personnel available to actively monitor the displays or it can be used in court as evidence.

Where are Surveillance products used?

Surveillance products and networks are used by the military, governments, private businesses, schools, hospitals and any other public or private building or area such as a parking lot to protect people and property and to deter crime. Surveillance systems are used in both industrial and commercial settings.

Typical Ethernet IP Surveillance Camera Installation



Benefits of an IP Surveillance Network

With traditional CCTV video surveillance systems specific broadcast standards must be considered. The two main video broadcast standards used throughout the world are PAL (Phase Alternating Line) and NTSC (National Television Standards Committee). NTSC is used in North America and Japan, PAL is used in almost every other location in the world. When implementing surveillance networks using these standards/technologies, interoperability can be an issue as devices from different countries will not work with unlike equipment. When implementing a global CCTV surveillance system costly analog to digital converters and video capture cards may be required. By utilizing an IP based system no costly converters are required and system components such as switches, routers and PCs are readily available from myriad venders across the globe. Global access and control of cameras is provided via IP through routers and switches. Additionally, IP cameras provide superior resolution than traditional CCTV cameras.

For more useful information go to....
L-com.com/Resources

Planet Indoor/Outdoor IR Analog Surveillance Camera 30 Meters

The Planet CAM-PTIR338 can be used indoors or outdoors and is the perfect solution for today's surveillance requirements. This camera features zero-lux illumination and 36 IR illuminators which are built around the lens to provide clear vision at night. Via new LED technology, the built-in illuminators ensure high-quality monochrome images in total darkness as far as 30 meters. In addition, the CAM-PTIR338 features a waterproof enclosure constructed of rugged aluminum. The CAM-PTIR338 IR camera provides reliable operation in any environment.

Item #	Description	List Price
CAM-PTIR338	Planet Indoor/Outdoor IR Analog Camera 30 Meters	139.00

Planet Indoor/Outdoor IR Analog Surveillance Camera 15 Meters

The Planet CAM-PTIR138 features zero-lux illumination and 12 IR illuminators which are built around the lens to provide clear vision at night. Via new LED technology, the built-in illuminators ensure high-quality monochrome images in total darkness as far as 15 meters. In addition, the CAM-PTIR138 features a waterproof enclosure constructed of rugged aluminum. The CAM-PTIR138 IR camera provides reliable operation in any environment.

Item #	Description	List Price
CAM-PTIR138	Planet Indoor/Outdoor IR Analog Camera 15 Meters	99.00

Planet Indoor/Outdoor IR Vandal Proof Analog Surveillance Camera 15 Meters

The Planet CAM-PTIVP52 provides a rugged, vandal proof video surveillance solution. The CAM-PTIVP52's unique design prevents annoying halo issues that are sometimes seen with IR dome cameras. This design blocks the refracted IR rays from entering into the lens and provides a clear picture. Additionally, the CAM-PTIVP52 features zero-lux illumination and 6 IR illuminators which are built around the lens to provide clear vision up to 15 meters at night.

Item #	Description	List Price
CAM-PTIVP52	Planet Indoor/Outdoor IR Vandal Proof Analog Camera 15 Meters	199.00

Planet ICA-PT107 Wired and Wireless IP Surveillance Cameras

Planet's powerful and economical ICA-107 Series Internet cameras feature integrated microcomputers and high quality CMOS digital image sensors, enabling them to display high quality live streaming video over a LAN or the Internet. The advanced motion detection feature supported by the ICA-107 Series can notify users via email or ftp of any detected movement.

Item #	Description	List Price
ICA-PT107	Planet IP Surveillance Camera	100.00
ICA-PT107W	Planet Wireless IP Surveillance Camera 802.11b/g	125.00

Planet ICA-PT601/PT651 Indoor/Outdoor Speed Dome IP Surveillance Cameras

Planet's ICA-PT601/PT651, indoor/outdoor speed dome Internet cameras, offer pan, tilt and zoom to control over TCP/IP networks. The ICA-PT601/PT651 features a 220X zooming (22x optical zoom, 10x digital zoom), auto focus, auto iris as well as fast, accurate and continuous 360 panning operations. With 32 presets, 4 camera tour configurations and combined with motion detection, these unparalleled surveillance functions satisfy all of your demanding surveillance and remote monitoring requirements. The ICA-PT601 is designed for indoor use and the ICA-PT651 features a rugged IP66 rated housing and can be used outdoors. Additional features include simultaneous 10 user access, support for both MPEG-4 and M-JPEG and two-way audio support.

Item #	Description	List Price
ICA-PT601NT	Planet Indoor Speed Dome IP Surveillance Camera	1489.00
ICA-PT651NT	Planet Outdoor Speed Dome IP Surveillance Camera	1899.00

Planet IVS-H120 H.264 Internet Video Server

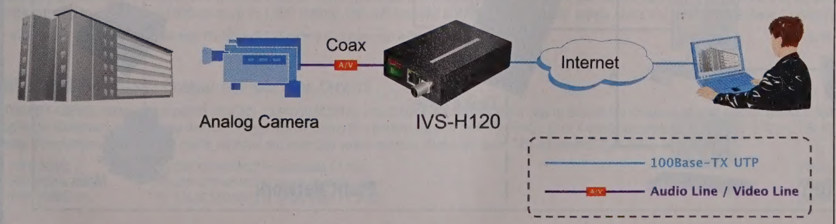
The Planet H.264 Internet Video Server, IVS-H120, allows the conversion of any analog camera into a fully functional IP camera. It integrates the next generation video compression technology – H.264 and can compress the video file size for a user to transfer the images on the Internet easily. It can stream digital video over an office network in the same way as current IP cameras do. By connecting the IVS-H120 with an analog camera, all elements of an existing surveillance system can be upgraded to a new IP surveillance system. The IVS-H120 can send live video and audio through the internet allowing user's access via a web browser anywhere in the world.

The IVS-H120 supports surveillance with 2-Way audio. With a speaker connected to the IVS-H120, the administrator can talk to anyone remotely at the camera site. The IVS-H120 also supports the Planet Media Converter Chassis (PTMC1500). A maximum of 15 IVS-H120's can be installed in the media converter chassis at one time. Power to the IVS-H120 is supplied by the media converter chassis and can be centrally managed.

The IVS-H120 supports Multi-Profile to transfer different video streams in H.264, MPEG-4 and M-JPEG to different users simultaneously. Moreover, the resolutions can differ from one user to another. This state-of-the-art design is extremely versatile and fits in a multitude of network environments. Up to 20 users can access to the IVS-H120 at the same time.

Item #	Description	List Price
IVS-H120	Planet Internet Video Server	169.00

Turn traditional surveillance to IP network surveillance



CAM-PTIR338

CAM-PTIVP52

CAM-PTIR138

ICA-PT107W

ICA-PT107

ICA-PT601NT

ICA-PT651NT

IVS-H120

> "L-com is by far the best company that I've done business with in a very long time. The product quality, shipping response, and customer service are second to none. Thanks for the great service! " - Travis T.

Serial Converter and Device Server Tutorial

What is a Serial Converter?

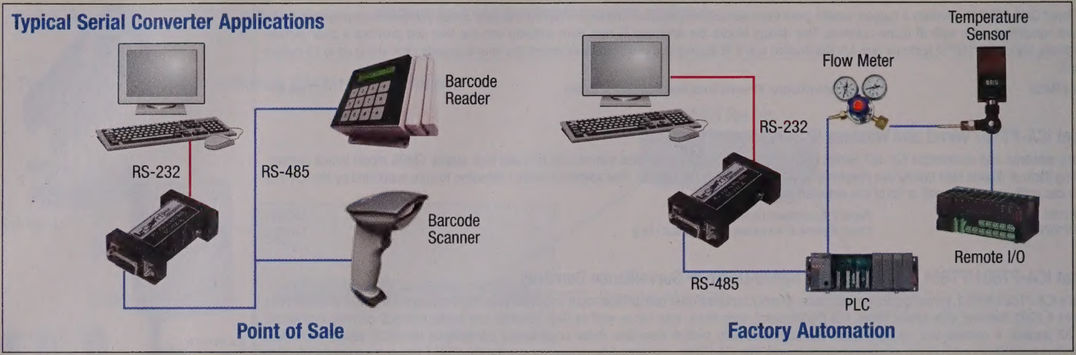
A serial converter, sometimes referred to as a protocol converter, converts different serial protocols such as RS-232 and RS-485.

How is a Serial Converter used?

Most serial converts have two ports or terminal blocks where copper wire, UTP or multi conductor data cable, are attached either by screwing in (terminal block) plugging in (RJ11, RJ45) or screwing in (DB9, DB25) the connector or leads. One end interfaces with a RS-232 network and the other with a RS-422 network for example.

Where are Serial Converters used?

Serial converters are used in many applications and environments including Point of Sale (POS), factory automation, processing plants (food, petroleum) and warehouse and shipping operations.



Typical Serial Converter Applications

What is a Device Server?

A Device Server, sometimes referred to as an Ethernet Serial Server, is used to connect a serial network such as RS-232 to an Ethernet device or Network that uses the IP (Internet Protocol) protocol.

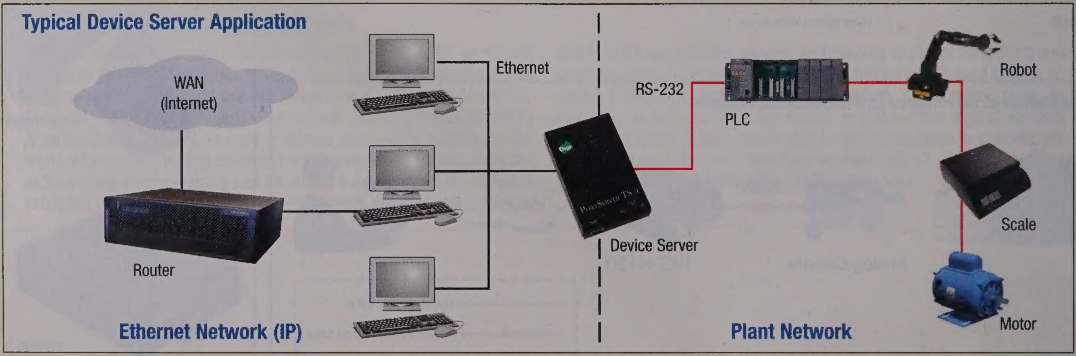
How is a Device Server used?

A Device Server has one or more serial ports and typically one RJ45 Ethernet port. Cables are connected to each port into the Serial and Ethernet network. Typically some set up is required to set up the communication between the two networks via a management application built into the Device Server.

Where are Device Servers used?

Like Serial Converters, Device Servers are used in many industrial applications where legacy serial networks are installed. Many newer devices such as pumps, flow meters, scales and even industrial robots found on automobile manufacturing lines are being designed and built with Ethernet interfaces.

Ethernet is very scalable and it provides world wide access and control when used with a router. Additionally many industrial operations are now building integrated networks where Ethernet IP is used at the factory/process level all the way through the administrative business network. In the past the two networks were separate as the plant used Modbus, Profibus and other serial based networks that did not communicate with the corporate Ethernet networks.



Typical Device Server Application

L-com® Global Connectivity

For more useful information go to....
L-com.com/Resources

Item #	Description	List Price

✓RoHS RS-232 to RS-485 Interface Converter DB9M / DB9F, Port Powered

L-com's SC-232-A RS-232 interface converter is port powered and features automatic Send Data Control (SDC). SDC automatically enables the RS-485 driver when data is present on the RS-232 side. Additional features include point to point 2-wire half duplex support as well as point to multi point 2-wire half duplex operation. Includes DB9 female to screw terminal block adapter.

Item #	Description	List Price
SC-232-A	RS-232 to RS-485 Interface Converter, DB9M / DB9F, Port Powered	59.00

✓RoHS RS-232 to RS-485 Interface Converter DB9M / DB9F, Externally Powered with 2,500V Isolation

L-com's SC-232-B RS-232 interface converter offers a maximum transmit distance of 1,800 meters @ 115.2Kbps and features automatic Send Data Control (SDC). SDC automatically enables the RS-485 driver when data is present on the RS-232 side. Additional features include 2,500 Volt isolation/1,500 Watt surge protection, point to point 2-wire half duplex support as well as point to multi point 2-wire half duplex operation. Includes DB9 female to screw terminal block adapter. Power Supply (SC-5VDC-PWR) sold separately.

Item #	Description	List Price
SC-232-B	RS-232 to RS-485 Interface Converter, DB9M / DB9F, Externally Powered	69.00

✓RoHS RS-232 to RS-485/RS-422 Interface Converter DB9M / DB9F, Port Powered

L-com's SC-232-C RS-232 interface converter is port powered and features automatic Send Data Control (SDC). SDC automatically enables the RS-485 driver when data is present on the RS-232 side. Additional features include point to point 4-wire full duplex support as well as point to multi point/dual line half duplex operation. Includes DB9 female to screw terminal block adapter.

Item #	Description	List Price
SC-232-C	RS-232 to RS-485/RS-422 Interface Converter, DB9M / DB9F, Port Powered	59.00

✓RoHS RS-232 to RS-485/RS-422 Interface Converter DB9M / DB9F, Externally Powered with Opto-Isolation

L-com's SC-232-D RS-232 interface converter features optical isolation to protect your valuable communications equipment from damaging ground loops. Additional features include Send Data Control (SDC) which automatically enables the RS-485 driver when data is present on the RS-232 side, 2,500 Volt isolation and 1,500 Watt surge protection. Includes DB9 female to screw terminal block adapter. Power Supply (SC-5VDC-PWR) sold separately.

Item #	Description	List Price
SC-232-D	RS-232 to RS-485/RS-422 Interface Converter, DB9M / DB9F, Externally Powered with Opto-Isolation	69.00

✓RoHS RS-232 to RS-485/RS-422 Interface Converter DB9M / DB9F, Port Powered with Opto-Isolation

L-com's SC-232-E RS-232 interface converter is port powered and features optical isolation to protect your valuable communications equipment from damaging ground loops. Additional features include Send Data Control (SDC) which automatically enables the RS-485 driver when data is present on the RS-232 side, 2,500 Volt isolation and 1,500 Watt surge protection. Includes DB9 female to screw terminal block adapter. Power Supply (SC-5VDC-PWR) sold separately.

Item #	Description	List Price
SC-232-E	RS-232 to RS-485/RS-422 Interface Converter, DB9M / DB9F, Port Powered with Opto-Isolation	79.00

✓RoHS 5V DC Power Supply for SC-232 Series Interface Converters

Item #	Description	List Price
SC-5VDC-PWR	5VDC Power Supply for SC-232 Series Interface Converters	6.95

RS-232 to RS-422 Serial Converter - Self-powered DB9 Connector

Adding an RS-422 interface to a PC is now a snap. The TB253P serial converter does this for full duplex signals at data rates up to 19.2 KBPS, without AC or DC power. The unit features a DB9F connector, (allowing it to be plugged directly into any one of the PCs com ports) and an RJ11 (6x4) jack.

Item #	Description	List Price
TB253P	RS-232 to 422 Serial Converter, DB9F, Self-powered	69.95

RS-232 to Current Loop Converter

The TB65A is a small, versatile, RS-232 to current loop converter for use with teletypes or computers providing local terminal input via a 20mA (or 60mA) current loop. The TB65A includes a wall-mounted transformer and internal power supply circuitry. Additionally the TB65A provides switch selection of all RS-232 operating modes including: Half Duplex - Passive Loop, Half Duplex - Active Loop, Full Duplex - Passive Loop, and Full Duplex - Active Loop. This product will drive 20mA and accept 20mA or 60mA loop currents and operates from DC to 9.6 KBPS.

Item #	Description	List Price
TB65A	RS-232 to Current Loop Converter (Includes Power Supply)	115.00

Economy RS-232 to Current Loop Converter with 4-Pin Terminal Block

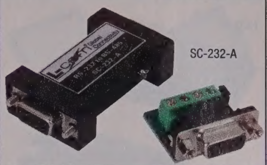
The ICC47B-014 RS-232 to current loop serial converter provides users with an economical and compact way to extend RS-232 signals using standard twisted pair cabling. The ICC47B-014 features a DB25F input connector and a 4-pin terminal block for the current loop side. The ICC47B-014 supports data rates up to 128Kbps and distances up to 1,000 meters. The unit includes a 9VDC external power supply and a one year manufacturer's warranty.

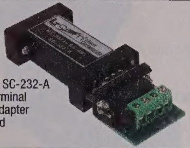
Item #	Description	List Price
ICC47B-014	Economy RS-232 to V.24 Interface Converter with 4-Pin Terminal Block	32.95

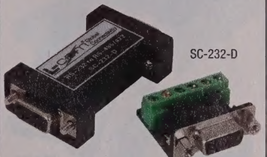
RS-232/423/485/422 Copper to Fiber Line Drivers

The FIB1-SERIAL series of copper to fiber RS-232/423/485/422 stand alone converters allow you to extend the distance of your copper RS-XXX ports up to 30 kilometers (single mode version). These robust converters feature support for RS-485/422 (2 or 4 wire) operation as well as RS-232 and RS-423 data transmission. Other single mode versions are available which support distances up to 120 kilometers. Call today for details.

Item #	Description	List Price
FIB1-SERIAL-2	RS-232/423/485/422 to Multimode ST, 2km	210.00
FIB1-SERIAL-15	RS-232/423/485/422 to Single mode ST, 15km	229.00
FIB1-SERIAL-30	RS-232/423/485/422 to Single mode ST, 30km	249.00


SC-232-A


View of SC-232-A with terminal block adapter attached


SC-232-D

SC-5VDC-PWR

TB253P

TB65A

Rear View

ICC47B-014

FIB1-SERIAL-2

Helpful videos
How-to videos help with some of today's popular product applications. L-com.com/Tips

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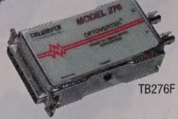
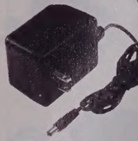
TB271M


TB276F

TB9271

TB8277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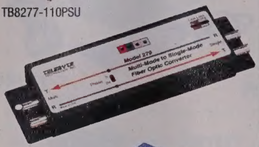
TB279

CVTR-I-7561

CVTR-I-7530

SST-2450

RS-232 Fiber Optic Line Drivers

The TB271 series of RS-232 fiber optic line drivers provides maximum protection from ground currents and noise interference between equipment as well as increases operating distances to up to 2km. Three versions are available, supporting RS-232 serial interfaces. The TB271 series achieves power from the transmit data line, whereas, the TB271A series has an external power supply (included). DB25M and DB25F versions available. Fiber optic connection utilizes dual ST connectors and duplex 62.5/125 multimode cabling.

Item #	Description	List Price
TB271M	RS-232 Fiber Line Driver, DB25M, Self Powered	139.00
TB271F	RS-232 Fiber Line Driver, DB25F, Self Powered	132.95
TB271AF	RS-232 Fiber Line Driver, DB25F, Externally Powered	139.00

RS-422 and 485 Fiber Optic Line Drivers

Similar to the TB271 series except designed for RS-422 and RS-485. Both units utilize DB25F and dual fiber ST ports. For use with duplex Multimode Fiber Optic cabling.

Item #	Description	List Price
TB272F	RS-422 Fiber Line Driver, DB25F, Externally Powered	149.00
TB276F	RS-485 Fiber Line Driver, DB25F, Externally Powered	149.00

RS-232 Fiber Optic Line Driver - Auto Powered

The TB9271 RS-232 fiber optic auto powered line driver features a standard DB9 Female interface and Dual ST style fiber connectors. It can be installed in applications requiring very high data transmission rates, offers resistance to Electromagnetic Interference (EMI) and isolation from lightning-induced current surges and ground loops. The unit employs an RS-232 data interface, can achieve 56Kbps asynchronously and operates in either half- or full duplex modes over dual fibers up to 2km in length.

Item #	Description	List Price
TB9271	RS-232 Fiber Optic Auto Powered Line Driver	139.00

RS-232, 422 or 485 Fiber Optic Modem - DIN Rail Mountable

The model TB8277 is a unique asynchronous fiber optic modem whose optical interface can operate in either point to point or ring (daisy chain) configurations and whose electrical interface can also operate in point to point or multi-drop configurations depending on the user selected interface. The electrical interface is switch selectable between RS-232, RS-422 and RS-485. The TB8277 is supplied with a power cord for the DC input. An optional AC power adapter is available for installations where 12 VDC is not accessible.

Item #	Description	List Price
TB8277	DIN Rail Fiber Optic Media	229.00
TB8277-110PSU	Optional 110VAC Power Supply	13.95

Single mode to Multimode Fiber Converter

The TB279 provides transparent conversion between fiber optic devices utilizing multimode fiber and those with single mode fiber. Features of the TB279 include the ability to operate from DC to 2.5 Mbps. This allows a variety of applications to take advantage of the transmission capability of the device and fiber cable. The TB279 is powered by a wall-mounted 12VDC adapter.

Item #	Description	List Price
TB279	Single mode to Multimode Converter	699.00

USB to RS-232/422/485 Converter

The CVTR-I-7561 is a rugged yet cost-effective module that is used for transferring serial data over USB. This converter allows you to connect your serial devices to systems using a USB interface such as a PC. The CVTR-I-7561 contains a Self Tuner chip, which auto-tunes the baud rate and data format to the RS-485 network. CVTR-I-7561 module derives its power from the USB port and does not require an external power supply. This versatile converter also features a high-speed 115.2 Kb/s transmission rate, and supports a multitude of O.S. independent RS-232/422/485 Ports.

Item #	Description	List Price
CVTR-I-7561	USB to RS-232/422/485 Converter	125.00

RS-232 to RS-485 Protocol Converter

The CVTR-I-7520 seamlessly converts the RS232 protocol to RS485 all in one rugged, economical package. Features include auto switching baud rate of 300~115,200 BPS and a Self Tuner chip, which auto-tunes the baud rate and data format to the RS-485 network. This converter also supports 256 modules max. in one RS-485 network without repeater and 2,048 modules max. in one RS-485 network with a repeater. Power supply sold separately.

Item #	Description	List Price
CVTR-I-7520	RS-232 to RS-485 Protocol Converter	85.00

RS-232 to CAN Protocol Converter

The CVTR-I-7530 offers an economical yet rugged solution for converting RS232 to CAN protocol. Features include maximum transmission speeds up to 1Mbps for CAN and 115.2Kbps for RS-232 as well as support for both CAN 2.0A and CAN 2.0B standards. This converter can be easily mounted on a DIN rail and features DB9 connectors. Power supply sold separately.

Item #	Description	List Price
CVTR-I-7530	RS-232 to CAN Protocol Converter	295.00

ICP DAS USA RS-232/RS-485 Wireless Modem

The ICP DAS USA SST-2450 is a spread spectrum radio modem with an RS232/RS485 interface port. It is designed for data acquisition and control applications between host and remote sensors. The SST-2450 is also useful for those applications where hard wiring equipment is hard or impossible. The SST-2450 can be used not only in peer to peer mode but also in a multi-point architecture. Based on direct sequence spread spectrum and RF technology operating in ISM bands, frequency Range is 2410.496MHz~2471.936MHz and the Channel Spacing is 4.096MHz. The SST-2450 is configured via a software utility included with the product. Antenna options are available for extended range applications.

Item #	Description	List Price
SST-2450	ICP DAS USA RS-232/RS-485 Wireless Modem	569.00

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Technical resources
Free tips, tutorials and downloads help you learn all about connectivity. Visit L-com.com/Resources

Passport Networks ESport RS-232/422/485 to Ethernet Device Servers

The ESport-10x Ethernet device servers connect RS-232, 422, 485 serial devices to a 10/100 Ethernet LAN/WAN providing a reliable communications connection. The ESport-10x Windows driver installs virtual COM ports in the Device Manager of the operating system. The ESP101 features one RS-232/422/485 DB9M port and one RJ45 10/100Ethernet port. The ESP102 features a single RJ45 10/100 Ethernet port and two DB9M ports, one port supports RS-232/422 and 485 and the other only supports RS-232. The ESP104 ships with its own external power supply (do not use the ESP-PWR power supply with the ESP104).These products can be powered by an external DC power supply or by an optional 9VDC power adapter. An optional DIN Rail mounting kit is sold separately. Includes a 1-year manufacturer's warranty.

Item #	Description	List Price
ESP101	Passport Networks Single Port DB9 RS-232/422/485 to RJ45 10/100 Device Server	125.00
ESP102	Passport Networks Dual Port DB9 RS-232/422/485 to RJ45 10/100 Device Server	169.00
ESP104	Passport Networks Four Port DB9 RS-232/422/485 to RJ45 10/100 Device Server	359.00
ESP-PWR	9VDC 500mA Power Adapter	10.00
PPN-12VDC-PWR	12V DC DIN Rail Power Supply	59.99
DK-35A	DIN Rail Mounting Kit (35 mm)	5.00

LAVA Ethernet-to-Serial 4 Port Device Server

The ES4-232 is ideal for POS systems, security systems, industrial automation, building automation, or any application using RS232 devices. The Lava ES4-232, four-port RS232 device server, provides four serial ports that are network-enabled, simple to install, configure, and control. Any serial device can send its information to the ES4-232, which then places that information on the Ethernet network. The serial ports support 115.2 kbps throughput rates each. Additionally, each ES4-232 Includes Lava Ether Link Manager software that makes this the easiest device in its category to install and use. By utilizing the ES4-232 one PC is capable of managing hundreds of serial ports, even remotely.

Item #	Description	List Price
ES4-232	LAVA Ethernet-to-Serial 4 Port Device Server	269.00

EtherWAN Single Port Device Servers

EtherWAN offers both Industrial and Hardened versions of its popular single port RS232/422/485 to Ethernet Device Servers for converting legacy RS232/422/485 to Ethernet. The SE5101-00B Equipped with 2KV optical isolation protection and 15KV ESD surge protection of serial interfaces and can be used in temperatures ranges from -10°C to 60°C (14°F to 140°F). The SE6101-00B is designed for harsh environments and operates within temperature ranges of -34°C to 75°C (-29.2°F to 167°F).

Item #	Description	List Price
SE5101-00B	EtherWAN Device Server 1 -10/100TX to 1 -RS232/422/485 (-10 to +60C)	159.00
SE6101-00B	EtherWAN Device Server 1 -10/100TX to 1 -RS232/422/485 (-34 to +75C)	329.00

Aboundi RS-232, RS-422, RS-485 to Ethernet Dual SerialBridge

The Aboundi ARS1200 Ethernet Dual SerialBridge provides connectivity to any RS-232, RS-422 or RS-485 serial device via an Ethernet LAN in a simple and secure manner. The ARS1200 enables remote accessibility for services and support to any legacy serial devices within a wired Ethernet LAN environment. It is extremely easy to set up via web browser with password protection. Its flash-upgradeable firmware provides future ease of upgradeability support and services. The ARS1200 supports full and half-duplex transmission, software and hardware flow control, and has programmable baud rate to maximize application optimization.

Item #	Description	List Price
ARS1200-001	Aboundi Ethernet Dual SerialBridge	169.71
ADK1000-000	Aboundi DIN Rail Mounting Kit	10.00

Aboundi Serial to Ethernet Fiber Optic Dual SerialBridge

The Aboundi ARS1300 Ethernet Optical Dual Fiber Dual SerialBridge provides connectivity between an Ethernet LAN and serial devices via Multimode or Single Mode fiber optic cabling. This product features one Fiber ST (or SC) interface that connects to an Ethernet LAN. The maximum fiber distance supported is 120Km (Single Mode fiber version. It is extremely easy to set up via web browser with password protection. Flash-upgradeable firmware provides future ease of upgradeability support and services. The ARS1300 supports full and half-duplex transmission, software and hardware flow control, and has programmable baud rate to maximize application optimization. Several Single mode versions are available please call for details.

Item #	Description	List Price
ARS1300-220C	Aboundi Ethernet Fiber Dual SerialBridge, SM SC, 20Km	424.29
ARS1300-220T	Aboundi Ethernet Fiber Dual SerialBridge, SM ST, 20Km	449.95
ADK1000-000	Aboundi DIN Rail Mounting Kit	10.00

Aboundi WLAN Dual SerialBridge

The Aboundi ARS1120 802.11b wireless Dual SerialBridge easily brings a wireless connection to any serial device in a simple and secure manner. The ARS1120 has a broad range of networking functions utilizing TCP/IP and UDP/IP to provide serial tunneling. It is easy to set up using a secure web browser. Its flash-upgradeable firmware provides future upgradeability. Additionally, the ARS1120 Site Survey function allows users to browse the available active Access Points facilitating easy network connection. It also supports full mobility and seamless roaming from cell to cell. Its enhanced security features include 64 bit and 128 bit WEP (Wired Equivalent Privacy) encryption. Contact us today for large project volume pricing.

Item #	Description	List Price
ARS1120-001	Aboundi WLAN Dual SerialBridge	235.71
ADK1000-000	Aboundi DIN Rail Mounting Kit	10.00

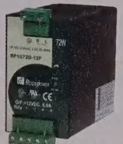
L-com 35mm DIN Rail

L-com offers 35mm DIN rail in both 1 meter and .5 meter lengths to suit all of your industrial networking applications. These quality DIN rails are constructed of specially coated corrosion resistant rugged steel.

Item #	Description	List Price
DIN-35-0.5	35mm DIN Rail, 0.5m	2.95
DIN-35-1	35mm DIN Rail, 1.0m	5.95

ESP102

ESP104

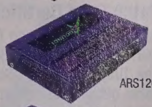

PPN-12VDC-PWR

DK-35A

ES4-232

SE5101-00B

SE6101-00B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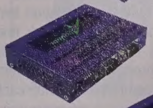
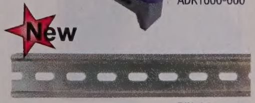

ARS1300-220C
ARS1300-220T

ARS1120-001

ADK1000-000



DIN-35

Same day shipping
Orders placed before 4:00 EST
ship the same day.

L-com Global Connectivity

Cable Testing Tutorial

Cable Testing Explained

Cable testing and cable ratings are often not fully understood by those that purchase network grade patch cords and equipment. The type of testing performed and the frequency of that testing is the greatest factor in determining the cost of a cable that you purchase. Sometimes, patch cords that seem to be a good value may not be, due to the usage of low quality components and minimally compliant cable. An explanation of the four most common forms of testing conducted on patch cords can be found in the illustrations below. Each is explained so you can decide what best fits your application and budget. L-com strives to provide a full selection of cable assemblies for all our customers. To make selection simple, we group our cables into one of three different categories to identify the type of testing done. Certified cables require a test report produced for each assembly. Qualified cables are controlled on a lot basis and do not feature an individualized test report. Rated cables feature all category rated components but only a continuity test is performed. If you need help with your project just contact one of our experts today.

Cable Testing Terms

NEXT: Near End Cross Talk. A signal that crosses between twisted pairs or between conductors. NEXT is measured at the transmission end (near end). Measured in dB, failures for this measurement are often caused by termination problems.

FEXT: Far End Cross Talk. Crosstalk that is measured on the conductors that are not being used for transmission at the receiver or far end of the transmission. Measured in dB, failures for this measurement are often caused by termination problems.

Propagation Delay Skew: Used to define the difference in signal speed between the fastest and slowest pair within a cable. It can also define the delay within an individual pair. Must be <4ns for a 4-pair horizontal cable.

Impedance: Measure of the total opposition a circuit offers to the flow of alternating current. Target impedance for UTP and STP cable is 100 Ohms. This can be affected by the twist of the conductors along with the thickness of the insulation around the conductors. Return loss failures are often caused by cable impedance problems.

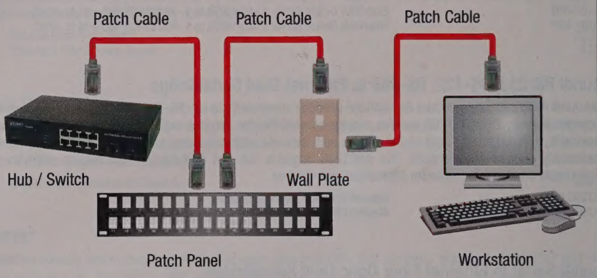
Return Loss: The ratio of reflected power to inserted power. It is the measure of the signal reflections occurring along a network cable system. It is often caused by imperfections in the cable conductors, impedance mismatches or bad contacts in a plug or jack.

Network Channel Testing

Network Channel Testing is a method used to verify performance from the workstation to the hub/switch including patch cords. Channel Testing is not accurate for individual patch cords. Both installers and IT professionals conduct this type of testing to insure that the entire cable system is capable of handling network traffic. Channel Testing differs from Permanent Link Testing in that it includes the patch cords on both ends of the installation. Often, patch cords are overlooked as the cause of network failures.

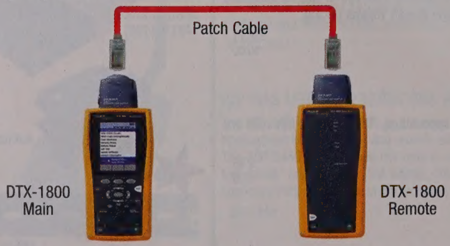
Link Testing Permanent

Permanent Link Testing is the preferred method used by installers to certify a cable installation at a customer site. This type of testing verifies the installation by measuring many factors such as cable lengths, NEXT, FEXT and Return Loss. Several certification testers exist on the market including Fluke Networks DTX-1800 Series products. This type of tester features a Permanent Link adapter that connects from a workstation outlet to the telecom closet outlet.



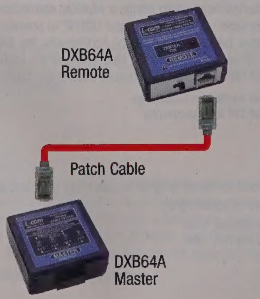
Patch Cord Certification Testing

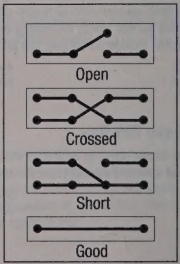
Patch Cord Certification Testing is the best method to insure that the cables will meet all of TIA/EIA-568-B.2_ Standards for data transmission for Ethernet. The TIA/EIA-568-B.2_ Standard covers many details and requirements for cable quality and performance. This test involves the direct connection of patch cords to a certification tester such as the Fluke Networks DTX-1800 Series. The tester will check many aspects of cable performance such as continuity, NEXT, FEXT, and Return Loss. This type of tester along with software provided by Fluke Networks can produce excellent reports for those requiring certification of their cable installation.



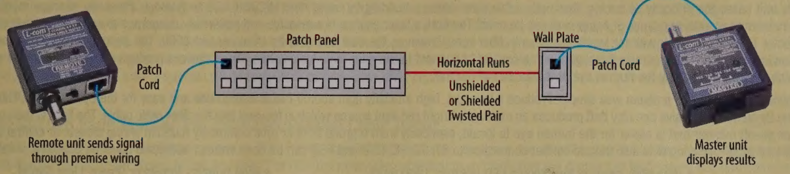
Continuity Testing

Continuity Testing is the most basic form of testing conducted on cables. These types of testers look for opens, shorts or crossed connections. For Ethernet, this type of testing does not confirm network transmission capability. The most common mistake in cable pin-out is an EIA568 A to B cross. A simple continuity tester such as L-com's DXB64A can easily find this error without the expense of a certification tester.





Tip Using the DXB66 for checking premise wiring


Patch Panel
Patch Cord
Horizontal Runs
Unshielded or Shielded Twisted Pair
Wall Plate
Patch Cord
Remote unit sends signal through premise wiring
Master unit displays results

Item #	Description	Code	List Price

DXB66 UTP, FTP and Coaxial Professional Test Set for LAN Cabling and Premise Wiring

L-com's DXB66 Remote Cable Tester provides accurate testing of premise cabling and patch cords used in local area networks. The unit verifies pairing following the EIA/TIA568 standard. It also tests shield continuity of shielded RJ45 connectors which is required in European building installations and areas where noise is prevalent. BNC equipped, coaxial cabling such as Ethernet 10Base-2 can also be tested.

- Sequencing LEDs verify continuity of 4 pair UTP/FTP cabling following EIA/TIA568 A or B pair designations (Ethernet 10Base-T, Token Ring and TP-PMD are all accounted for within the EIA568 code)
- Tests for presence of shield in Foil Twisted Pair (FTP) or Token Ring - Shielded Twisted Pair (STP) cabling
- Internal circuitry is fully protected against live cable damage
- BNC coax test checks Ethernet 10Base-2 busses and patch cords (adapters are available for testing other coaxial terminations)
- Dual colored LEDs identify shorted, open, or reversed pairs
- Remote and master units separate for premise wire tests and reattach for patch cord checking
- Convenient size with exclusive slide lock mechanism allows effortless patch cord and premise cable testing
- Easy to operate with all instructions listed on the faceplate
- Adapters available for testing Token Ring cabling utilizing Type A or B, DB9, or RJ45 connectors
- Runs on one 9V alkaline battery (included)
- Includes belt mountable soft leatherette case, 2 screened patch cords and informative instruction booklet

Item #	Description	Code	List Price
DXB66	UTP, FTP and Coaxial Professional Test Set	A, C, D, E, F	34.95
DXB66-CC	Additional DXB66 Carrying Case with Beltstrap		12.95

Specifications:

Display	5 LEDs Master	Over voltage protection level (max)	30 V dc
	2 LEDs Remote	Allowable maximum current @ inputs	0.3 A dc
Power	9V Alkaline battery	Continuous withstand overvoltage rating	20.0 V dc @ 0.1 A
Current drain (on)	25 mA		for 5 seconds
Normal power consumption	225 mW	Master & Remote dimensions connected	6.0 in x 2.3 in x 1.0 in
Maximum power consumption	630 mW		(1.5 cm x 5.8 cm x 2.5 cm)
Minimum battery operation voltage	6.0Vdc	Master and Remote weight	6.0 oz.
Maximum cable length (4pr.)	tested to 1000 ft		

Online Video

L-com.com/Videos/A07

DXB66

DXB66-CC Carrying Case for DXB66

DXB64A Triple Function Cable Tester - 10Base-T, Token Ring (RJ45) and EIA568

This easy-to-use sequential scan cable tester provides instant testing and identification of today's most popular UTP cabling schemes. Four, two-color LEDs verify continuity of up to four pairs while instantly detecting opens, shorts and miswires. Specially designed slide attachment allows tester's master and remote sections to be separated when checking installed wiring. Blinking light identifies power on and low battery. Small and light enough to fit neatly in a briefcase, toolbox or pocket. Equipped with 9V alkaline battery and protective leatherette case.

- Equipped with RJ45 jacks
- Tests 4 pair UTP cabling following EIA/TIA568A or B standards
- Master and remote units split apart for premise runs, then reattach for bench testing
- 4 dual polarity LEDs sequence from left to right identifying shorts, opens and miswires
- Supplied with one 9V Energizer alkaline battery and carrying case

Item #	Description	Code	List Price
DXB64A	EIA568 (RJ45) Remote Cable Tester	B, C, D, E, F	24.95
DXBCC	Carrying Case for DX Testers		3.99

DXB64A

DXBCC Carrying Case for DXB64A

DXR45S Shielded RJ45 Breakout Box - Exclusively Designed and Manufactured by L-com

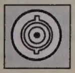
L-com's DXR45S breakout box is intended for modifying the wiring in modular cords terminated by RJ45 plugs. The unit incorporates two high grade shielded RJ45 jacks, a nine position dip switch and dual nine position headers. Jumper wires are included in the rear compartment. This unit does not utilize a battery, its intention is for modifying modular cable wiring only.

Item #	Description	Code	List Price
DXR45S	Shielded RJ45 Breakout Box	G	19.95

DXR45S

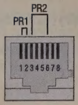
Code shows tester ability to check:

A



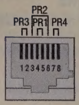
Ethernet Coax 10Base-2

B



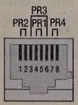
RJ45 10Base-T

C



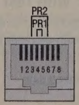
RJ45 EIA/TIA568A

D



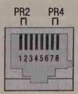
RJ45 EIA/TIA568B

E



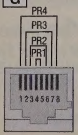
8-Position Token Ring

F



TP-PMD

G



RJ45 USOC8

> "I am very impressed by your products and by the technical support I receive! I will definitely continue to use you for all of the wireless projects my company does." - Robert B.

Exclusive

DXL10

DXL10K1 Kit

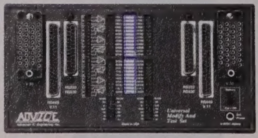
PTNX2

PTNX1

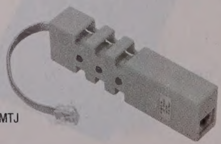
New

PTNX2-CABLE

MULTI-TEST



UMATS



EC-LMTJ

MICROPULSE™ Fiber Optic Light Source - Simple Location of Fiber Runs

This unit eases the difficulty of tracing fiber optic cable runs within a building by using new MICROPULSE technology. Presently, to trace multimode terminated fiber runs, two types of equipment can be used. The first, a laser source, is expensive and potentially dangerous to one's eyesight if viewed directly. These units work well for locating breaks in fiber runs, however, the cost of the units often exceed $500. The second method is to use an incandescent light source (simple flashlight) with a coupler to connect to the fiber optic termination. These devices produce a low intensity light signal which is difficult to see by the human eye at the far end of the run.

L-com's solution to this problem was simple: Produce a low cost, high intensity light source that is safe to use and easy for the eye to locate. This was done by creating exclusive circuitry that produces an extremely bright red light source which is focused into the fiber optic cable. The light is then pulsed in an on-off manner that is easier for the human eye to locate, especially from a group of fiber runs commonly found in wiring closets or central wiring points. A multi-use coupler is also utilized so that connection to ST, SC, FC, RSD and FSD can be done without additional coupling adapters or cables.

- Ultra High Intensity Red Source LED (660nm, 1400 mcd)
- Exclusive MICROPULSE Signal Pulse Technology (Patent Pending)
- Multi-Use Coupler Accepts Fiber Connectors with 2.5mm Ferrule
- Dual Output - Pulsed or Steady Light Signal
- Runs on One 9V Alkaline Battery (Included)

Item #	Description	List Price
DXL10	MICROPULSE Fiber Optic Light Source	24.95

Micropulse™ Fiber Optic Light Source Kit - Everything for Tracing Multimode Runs

We now offer in kit form our popular Micropulse Fiber Optic Light Source with common adapters used in identifying fiber optic runs. Included in the kit is the DXL10 Micropulse light source, 2 ST-ST simplex couplers, 1 FC-FC simplex coupler, 1 SC-SC duplex coupler, 1 SC-ST duplex adapter and 1 simplex ST-SC multimode patch cord. Also included is a plastic box for organizing the couplers and a belt mountable carrying case.

Item #	Description	List Price
DXL10K1	MICROPULSE Fiber Optic Light Source Kit	69.00

Gale Pocket Toner® NX1

Test for continuity and short circuits on coaxial cables in one easy step. Basic professional coaxial testing does not get any more compact and simple as PTNX1. This is the new NX version of the classic black Pocket Toner® first invented by Gale Corporation years ago. This new NX version features lightweight aluminum construction, a standard AAA battery, and new dual buzzers that audibly indicate continuity at both ends of the test cable. Like all Pocket Toner® NX test tools, the NX1 is now 100% low voltage protected so connecting it to live low voltage systems will not damage the tool.

Item #	Description	List Price
PTNX1	Gale Pocket Toner® NX1	29.95

Gale Pocket Toner® NX2

The individual PTNX2 is for the technician that works primarily with coaxial cable that wants a powerful but super-compact tool to fit in his or her pocket. In addition to testing for continuity and short circuits PTNX2 is packed with advanced features like indication of AC or DC voltage, 50-75 Ohm terminators and auto shut-off to conserve battery life. PTNX2 instantly displays all test results on an easy to read 8-segment LED display as well as giving audible feedback at both ends of the test cable. Like all Pocket Toner® NX test tools, the NX2 is now 100% low voltage protected so connecting it to live low voltage systems will not damage the tool.

Item #	Description	List Price
PTNX2	Gale Pocket Toner® NX2	39.95

Gale Pocket Toner® Cable Test Kits

Gale PTNX series coax toners are unquestionably the ideal primary devices for testing the installation of coax cable. Test for continuity and short circuits on coaxial cables in one easy step. Basic professional coaxial testing does not get any more compact and simple as Gale PTNX series. Gale offers a wide variety of test kits to choose form. For detailed information on each kit, please refer to L-com.com.

Item #	Description	List Price
PTNX2-CABLE	Gale PTNX2 Cable Test Kit	51.95
PTNX2-DLX	Gale PTNX2 Deluxe Test Kit	88.95
PTNX8-CABLE	Gale PTNX8 Cable Test Kit	83.95
PTNX8-CT	Gale Cable and Telephone Test Kit	91.95
PTNX8-AV-PRO	Gale Audio/Video Test Kit	135.49

PC Cable Tester Pro ATA

This flexible cable tester will identify opens, shorts, miswiring and continuity on almost all popular PC cable types. The PC cable tester pro ATA can test the following cable types; DB25 (M/F), DB9 (M/F), HDB15 (M/F), DB15 (M/F), BNC (F), RJ45, Centronics 36 (F), USB (A and B), ATA and Firewire. This tester is a must for installers and IT professionals in any industry.

Item #	Description	List Price
MULTI-TEST	PC Cable Tester Pro ATA	139.00

V.35 Universal Modify and Test Set

The Universal Modify And Test Set (UMATS) is the ultimate tool for the data communication specialist or engineer's tool bag. The UMATS can be battery or line powered and supports most current WAN communication interface standards. More than just a breakout box, a bank of level shifters allows converting between any pair of interfaces: V.35 can be converted to RS-232, RS-422 to RS-232, or RS-530 to V.35, etc. Each level shifter is also connected to a tri-state LED to allow convenient monitoring of signals levels.

- Used to test and troubleshoot cable assemblies
- Tri-State LEDs provide at a glance monitoring of four balanced and four unbalanced signals
- Lightweight hand held design is great for portable applications
- Comprehensive interface design allows for testing of today's most popular WAN interfaces
- Warranty: Returns may be accepted in the first 30 days. After 30 days returns must be handled by the manufacturer.

Item #	Description	List Price
UMATS	V.35 Universal Modify and Test Set	599.00

✓RoHS Inline Tester, RJ12 (6x6) M-F with Test LED's and Contact Points

Use with 2 or 3 pair, RJ11/12 lines. Copper contacts have an angled edge to prevent alligator clips from falling off. Wire color coded for easy identification. Three 2-color LEDs identify activity. Complete with modular jack on the end.

- Network installations
- Cable maintenance and inspection
- Field testing

Item #	Description	1-9	10-24	25-99	100-249	250-499
EC-LMTJ	Test Adapter, 3 Pair Modular	9.95	9.15	8.36	7.56	6.77

L-com® Global Connectivity

Tips
Easy-to-understand tips to help with some of today's popular product applications. L-com.com/Tips

AEMC CA7024 TDR Fault Mapper

The AEMC Fault Mapper is a hand-held, alpha-numeric, TDR (Time Domain Reflectometer) Cable Length Meter and Fault Locator, designed to measure the length of electrical and communication cables. It can indicate the distance to a fault in the cable (open or short), given access to only one end of a two or more conductor cable. By incorporating fast-edge step TDR technology, the CA7024 measures cable length and indicates the distance to open or short circuit faults to a range of 6000 ft (2000m), on virtually any type of cable. The CA7024 indicates the cable length or fault distance and description alpha-numerically on a 128 x 64 graphical LCD. Includes soft carrying case, BNC pigtail cable with alligator clips, four 1.5V AA batteries and user manual.

Item #	Description	List Price
AEMC-CA7024	TDR Fault Mapper	495.00

AEMC CA7026 Fault Mapper Pro Tele/Coax/Parallel Cable Tester

The Fault Mapper Pro is a hand-held graphical TDR (Time Domain Reflectometer) designed for identifying and locating faults on power and communication cables, given access to one end only. The CA7026 measures cable length and indicates the distance to fault cables and terminations to a range of 11,700 ft (3500m) on virtually any type of cable of two or more conductors. The CA7026 shows a reflection profile of the cable under test as an oscilloscope-like trace on a 128 x 64 pixel graphical LCD. A movable cursor can be aligned with points on the trace; the distances displayed will automatically update the cursor position. Includes soft carrying case, BNC pigtail cable with alligator clips, four 1.5V AA batteries and user manual.

Item #	Description	List Price
AEMC-CA7026	Fault Mapper Pro Tele / Coax / Parallel Cable Tester	795.00

AEMC CA7028 Wire Mapper Pro LAN Cable Tester

The Wire Mapper Pro is a hand-held structured cable mapping and troubleshooting tester designed for use on UTP, STP, FTP and SSTP cabling equipped with RJ45 connectors and wired to either TIA568A/B (ISO 11801 and EN 50137), USOC or ISDN specifications. It detects open circuit pairs, shorts, crossed wires, crossed pairs, reversed pairs, split pairs and shield faults. The CA7028 has the ability to measure and indicate the length of the cable under test, using a Vp (Velocity of Propagation) set by the user, from a built-in library or manually. It will measure and report the length of all four pairs of wires in the cable under test. It also generates an audible tone that is transmitted into all four pairs on the cable under test. Includes soft carrying case, remote ID (#1), two patch cords, four 1.5V AA batteries and user manual.

Item #	Description	List Price
AEMC-CA7028	Wire Mapper Pro LAN Cable Tester	495.00

Fluke Networks MicroMapper™ Network Tester

The MicroMapper quickly and easily tests twisted pair cabling, giving you visibility of opens, shorts, crossed, reversed and split pairs. Just push the TEST button and MicroMapper will automatically scan all wire pairs for any existing faults in your cable. MicroMapper's built-in tone generator works with the IntelliTone Probe allowing you to trace cable through walls, floors, and ceilings. The MicroMapper includes a remote unit allowing one person to test installed cabling or patch cords. The MicroMapper kit includes: MicroMapper/MicroMapper Remote, patch cable, 6-volt alkaline battery and user guide.

Item #	Description	List Price
FNMT8200-49A	Fluke Networks MicroMapper Network Tester	139.00
FNMT8200-53A	Fluke IntelliTone 100 Probe	89.00

Fluke Networks IntelliTone 100 Toner and Probe Kit

The Fluke Networks IntelliTone 100 Toner and Probe Kit allows users to quickly identify network ports and cables using digital signaling methods. Simply attach the IntelliTone Toner to a cable and set the sensing mode on the IntelliTone Probe. IntelliTone technology energizes cable conductors with a smart, synchronized digital signal. Multiple tone types occur in the signal that help you to locate, isolate and validate a cable. Includes: IntelliTone 100 Toner and 100 Probe, coax F connector adapter, RJ11 and RJ45 patch cables, test leads with alligator clips, lanyards, owners CD and quick start guide, (2) 9 volt batteries.

Item #	Description	List Price
FNMT8200-50A	Fluke Networks IntelliTone 100 Toner and Probe Kit	159.00

Fluke Networks NetTool™ Inline Network Tester

Fluke Networks NetTool Inline Network Tester comes packed with the features IT professionals need. The NetTool can be connected inline between two network devices, listen to the traffic between them and detect common connectivity problems. The NetTool can also automatically ping key devices to verify connection to routers, servers and printers. Users will be able to spot available network resources by seeing MAC and IP addresses, subnet and services offered by active servers, routers and printers. The NetTool Tester can also look for the common wiring problems by testing for cable length, shorts, split pairs or opens, including pin-to-pin wiremap. Users will be able to download test results to document network performance and generate network resource reports. Includes 4 AA batteries and a 1-year manufacturer's warranty.

Item #	Description	List Price
FNT-PRO	Fluke Networks NetTool Inline Network Tester	2100.00

Fluke Networks Microscanner2 Cable Verifier

The MicroScanner2 Cable Verifier presents a revolutionary change in voice, data and video cable testing. It starts by taking results from what was four different test modes and displaying them all at once - graphical wiremap, pair lengths, distance to fault, cable ID and far end device. What's more, its integrated RJ11, RJ45 and coax test ports support virtually any type of low-voltage cable testing with no need for awkward adapters. The end result is reduced test time and technician error. That makes high-quality installations more efficient than ever.

Item #	Description	List Price
MICROSCANNER2	Fluke Networks Cable Verifier	499.00

Fluke Networks DTX-1800 CableAnalyzer

The DTX-1800 CableAnalyzer from Fluke Networks is the testing platform for today - and tomorrow. This revolutionary new future-proof platform significantly reduces total time to certify by improving every aspect of the testing process. It all starts with 9-second Cat 6 Autotest that means you can meet TIA-568-C and ISO 11801:2002 certification requirements and receive structured cabling warranties much faster than ever before. With all this speed also comes increased accuracy. The DTX is the only independently verified tester to obtain UL classification for ISO Accuracy Level IV. And, the DTX 10 Gig Copper Kit together with DTX-1800 delivers on the promise of a future-proof investment - measuring 10 Gig cabling performance and Alien Crosstalk (ANEXT and AFEXT) in full compliance with the industry standards to 500 MHz. The AC Wiremap feature validates twisted-pair cabling for Power over Ethernet services in accordance with TIA/EIA standards, even if a Midspan power supply is used.

Item #	Description	List Price
DTX-1800	Fluke Networks CableAnalyzer	9388.00

Fluke Networks AirCheck™ Wi-Fi Tester

Wi-Fi is a complex technology, but testing it doesn't have to be. The Fluke Networks AirCheck Wi-Fi tester allows network professionals to quickly verify and troubleshoot 802.11 a/b/g/n networks. Designed specifically for dispatched troubleshooting, AirCheck simplifies wireless testing by providing: streamlined, guided troubleshooting, instant views to required test results including network availability, connectivity, utilization, security settings, rogue hunting, and interference detection.

Item #	Description	List Price
AIRCHECK	Fluke Networks Wi-Fi Tester	2229.00

AEMC-CA7024

AEMC-CA7026

FNMT8200-49A

FNMT8200-53A

FNMT8200-50A

MICROSCANNER2

FNT-PRO

New

DTX-1800

New

AIRCHECK

We answer your technical questions
See a complete list of frequently asked questions at
L-com.com/FAQS

FOM120

FOS420

FOS430

FTK51MM
FTK51SM

TBX51MM

FTK51POF

New
AF-DR515-A1

Item #	Description	List Price

Fiber Optic Power Meter for Multimode and Single mode Cabling

The FOM120 is a general-purpose power meter suitable for both premise and outside plant applications. This unit is ideal for measurement of optical power and optical loss/attenuations in a fiber optic network. The FOM120 meter is calibrated at the four most common industry standard wavelengths 850nm, 1300nm, 1310nm and 1550nm for both single mode and multimode transmitters. The 1mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements of the majority of users.

FOM120	Fiber Optic Power Meter for Multimode and Single mode Cabling	425.00

Fiber Source for 850/1300nm Fiber Optic Cables

The FOS420 light source is for premises and campus cabling networks with multimode fiber, or single mode fibers under 5km. The ST connector outputs can be adapted to any cable plant with hybrid adapters or hybrid cables. The FOS420 becomes a powerful low cost troubleshooting and maintenance tool when used with an Advanced Fiber Solutions FOM120 power meter.

FOS420	Fiber Source for 850/1300nm Fiber Optic Cables	595.00

Fiber Source for 1310/1550nm Fiber Optic Cables

The FOS430 laser source is designed for testing single mode fiber cabling in premise or outside plant environments where long wavelengths are used. The single output allows the user to test at both 1310nm and 1550nm without disconnecting and reconnecting the cable. When used with an Advanced Fiber Solutions FOM120 or FOM220 the FOS430 is ideal for testing insertion loss for single mode fiber optic cables and connectors.

FOS430	Fiber Source for 1310/1550nm Fiber Optic Cables	1495.00

Multimode Fiber Optic Test Kit

The FTK51MM multimode fiber optic test kit allows users to quickly test multimode fiber cabling. The kit features a power meter and light source in a convenient carry case. The power meter supports 850/1300/1310/1550nm light sources and features a 2.5mm universal connector for both ST and SC connections (other connector styles available upon request). The kit's power meter is calibrated at the four most common industry standard wavelengths 850nm, 1300nm, 1310nm and 1550nm for both single mode and multimode transmitters. The 1mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements of the majority of users.

FTK51MM	Multimode Fiber Optic Test Kit	995.00

Single mode Fiber Optic Test Kit

The FTK51SM single mode fiber optic test kit features a fiber optic power meter and light source to quickly and economically test 9/125 single mode fiber cabling. The power meter supports 850/1300/1310/1550nm light sources and features ST, SC, FC, 2.5mm Universal, LC and 1.25mm Universal connection options. The 2 mm Germanium detector offers a broad dynamic range of ~60dB which far exceeds the requirements for most applications. The kit's power source supports both 1310nm and 1550nm laser sources for single mode cable testing. Includes a convenient carrying case.

FTK51SM	Single mode Fiber Optic Test Kit	1695.00

Fiber Optic Test Kit with Power Meter, Light Source and Tool Kit

The TBX51MM features the OS420 light source for use with premises and campus cabling networks that utilize multimode fiber, or single mode fibers under 5km. The ST connector outputs can be adapted to any cable plant with hybrid adapters or hybrid cables. The OS420 becomes a powerful low cost troubleshooting and maintenance tool when used with an Advanced Fiber Solutions OM120 (included with this kit) or OM220. Tool kit includes: Safety glasses, sapphire scribe, armored tubing cutters, Kevlar scissors, needle nose pliers, rotary cable stripper, fiber optic stripper, buffer tube stripper, crimp tool, tweezers, polishing puck, polishing plate, continuity tester and a 100x microscope.

TBX51MM	Fiber Optic Test Kit W/ Power Meter, Light Source and Tool Kit	1595.00

Plastic Optical Fiber (POF) Test Kit

The Advanced Fiber Solutions POF test kit is the perfect, portable solution for testing plastic and glass optical fiber cables. The FTK51POF includes the OM110 power meter, which is designed for POF (plastic optical fiber) and short wavelength applications (visible and near infrared). It optimizes a silicon detector suitable for large core fibers. It is the ideal tool for working with shorter wavelengths used with glass, plastic or multimode fibers. Additionally, the FTK51POF features the OS417-MD source which houses a 665nm LED in a modular adapter, which makes it adaptable to any connector style.

FTK51POF	Plastic Optical Fiber Test Kit	899.00

DR-500 Series Handheld OTDRs

The DR-500 series handheld full color display Optical Time Domain Reflectometer from Advanced Fiber Solutions is one of the most compact OTDRs on the market today and is ideal for handheld use and pocket transportation. The unit is light weight weighing less than 1.6 Lbs. and is extremely rugged with a thick protective rubber boot surrounding the outer case. It also offers a long battery life enabling the technician to continuing test up to eight hours. It is a full featured OTDR offering four different performance classes to choose from, with a dynamic range starting at 23dB going up to 43dB. Class A is optimized for private and premise networks. Class B is optimized for FTTx and CATV networks. Class C is optimized for close event detection and large attenuation measurements like PONS networks. Class D is optimized for long haul applications. Along with a wide dynamic range to choose from, the unit offers a number of wavelength options for both single mode and multimode applications with single, dual, tri and quad models available. Wavelength options include 850nm, 1300nm, 1310nm, 1550nm and 1625nm. Refer to the datasheet online to see all available models including Single mode (PON) options.

AF-DR515-A1	Multimode OTDR 850/1300nm Class A	4450.00
AF-DR525-A1	Single mode OTDR 1310/1550nm Class A	3895.00
AF-DR525-C0	Single mode OTDR 1310/1550nm Class C	4450.00
AF-DR535-A1	Single mode / Multimode OTDR 850/1300/1310/1550nm Class A+	7500.00

> "I recently received a copy of your catalog. I'm very impressed with the product line and information. I have an engineering background and I'm impressed with how your firm explains all the different types of products via the tips and tutorials."- Denis Place, President, SemiProbe.com

Brady Portable Label Printers

The BMP™21 Portable Label Printer is an all-in-one labeler for voice/datacom, electrical and general industrial crews. With label materials designed specifically for harsh environments, the BMP™21 portable printer can quickly and easily create clear, legible labels that stay stuck for years - despite extreme temperatures and curved or highly textured surfaces. With more than 400 different label options, the new BMP71 Label Printer is Brady's most versatile portable printer. This easy to use labeler can help you cut material waste, save time, and create labels more efficiently than ever before. Make labels faster than ever before with built-in design wizards, high speed print, 1.5"(3.8cm) per second, and storage space for over 100,000 label files.

Item #	Description	List Price
BMP21	Brady Portable Label Printer	139.00
BMP71	Brady Portable Label Printer	895.00

Brady IDXPERT Handheld Labeling System

The IDXPERT is the first handheld cartridge based labeling system that can print die-cut labels, self-laminating labels and sleeves as well as continuous tapes. You name it IDXPERT prints it. Choose from two keyboard layouts, then select from a wide range of label materials engineered just for your application. That includes wire and cable markers, panel, rack and frame ID, facilities labels and specialty labels for labs and workspaces. The IDXPERT can be used with self-lams, sleeves and 90+ label styles including continuous tapes. Additionally, the IDXPERT can print on materials up to 1.5" (3.8cm) wide and prints characters up to 1.25" (3.2cm). It also provides 82 symbols plus bar codes.

Item #	Description	List Price
IDXPERT-ABC	Brady IDXPERT Handheld Labeling System (ABC Layout)	399.95
IDXPERT-KEY	Brady IDXPERT Handheld Labeling System (Keyboard Layout)	399.95

Brady TLS2200™ Premium Thermal Transfer Label Printer

The TLS2200 system offers the lightweight of a hand-held printer (2.75lbs), while providing the superior capabilities of thermal transfer printing. The Brady printer features a two-line liquid crystal display and produces smear proof, ultra clear print quality and faster output than most other printers on the market. Useful for printing barcodes as well as text and numbers with crystal clear accuracy on labels up to 2" (5.1cm) wide. This means you can now print labels for wire markers, patch panels, circuit boards, cable markers and more, faster and easier than ever before. Includes a 6-month manufacturer's warranty.

Item #	Description	List Price
TLS2200	Premium Brady Thermal Transfer Printer	849.00
R6210	Replacement Ribbon for TLS2200	23.95
TLS2200-BP	Replacement Battery	95.00

Brady BMP21 Cable Labels

Item #	Description	Qty / Uom	List Price
M21-375-499	Nylon Cloth White, 0.375"W x 16'H (1cm W x 4.9m H)	1/Roll	22.00
M21-500-499	Nylon Cloth White, 0.50"W x 16'H (1.3cm W x 4.9m H)	1/Roll	22.95
M21-750-499	Nylon Cloth White, 0.75"W x 16'H (1.9cm W x 4.9m H)	1/Roll	23.99

Note: Many other label types are available; contact your L-com Sales Representative for more information

Brady BMP71 Cable Labels

Item #	Description	Qty / Uom	List Price
M71-17-351	Tamper-resistant Vinyl White, 1.00"W x 0.50"H (2.5cm W x 1.3cm H)	500/Roll	51.95
M71-30-427-AW	Self Laminating Vinyl, 1.50"W x 0.750"H (3.8cm W x 1.9cm H)	250/Roll	35.49
M71-31-351	Tamper-resistant Vinyl White, 1.50"W x 1.00"H (3.8cm W x 2.5cm H)	250/Roll	39.95
M71-20-351	Tamper-resistant Vinyl White, 2.00"W x 1.00"H (5.1cm W x 2.5cm H)	100/Roll	31.95

Note: Many other label types are available; contact your L-com Sales Representative for more information

Brady IDXPERT Cable Labels

These labels are Ideal for marking data cabling. The B-427 vinyl self-laminating material offers superior abrasion resistance and resists dirt, oils, solvents and water. Each label features a clear, non-printed area, which wraps around and over laminates the printed text. The IDXPERT automatically "multiple repeats" your text in the white print area. These labels are UL Recognized and support a temperature range of -94°F to 158°F (-70°C to 70°C).

Item #	Description	Qty / Uom	List Price
XSL-102-427	Self Laminating Vinyl White, 0.50"W x 1.25"H (1.3cm W x 3.2cm H)	250/Roll	27.95
XSL-103-427	Self Laminating Vinyl White, 1.00"W x 1.25"H (2.5cm W x 3.2cm H)	250/Roll	44.95
XSL-115-427	Self Laminating Vinyl White, 1.50"W x 1.25"H (3.8cm W x 3.2cm H)	250/Roll	39.95
XSL-29-427	Self Laminating Vinyl White, 0.50"W x 1.50"H (1.3cm W x 3.8cm H)	500/Roll	49.95
XSL-30-427	Self Laminating Vinyl White, 0.75"W x 1.50"H (1.9cm W x 3.8cm H)	250/Roll	37.95

Note: Many other label types available, call your L-com Sales Representative for more information.

Brady TLS2200 Cable Labels

Item #	Description	Qty / Uom	List Price
PTL19427	Cable Labels, 1.0"L x 1.0"W x .375"H (2.5cm L x 2.5cm W x 1cm H)	250/Roll	29.95
PTL31427	Cable Labels, 1.0"L x 1.5"W x .50"H (2.5cm L x 3.8cm W x 1.3cm H)	250/Roll	39.95
PTL21427	Cable Labels, 1.0"L x 2.5"W x .75"H (2.5cm L x 6.4cm W x 1.9cm H)	100/Roll	24.95

Note: Many other label types available, call your L-com Sales Representative for more information.

✓RoHS Cable Labels - Wraparound Style, 3 Sizes to Choose From

Item #	Description	Qty / Uom	1-9	10-24	25-99	100-249	250-499
CL0515	Cable Labels, .50"L x 1.5"W x .50"H (1.3cm L x 3.8cm W x 1.3cm H)	30/Roll	5.95	5.83	5.71	5.59	5.47
CL1150	Cable Labels, 1.0"L x 1.5"W x .50"H (2.5cm L x 3.8cm W x 1.3cm H)	30/Roll	7.95	7.79	7.63	7.47	7.31
CL1375	Cable Labels, 1.0"L x 3.75"W x 1.0"H (2.5cm L x 9.5cm W x 2.5cm H)	30/Roll	5.95	5.83	5.71	5.59	5.47

Note: CL Series labels are not intended for use with Brady printers.

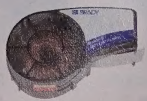
BMP21

BMP71

IDXPERT-ABC

IDXPERT-KEY

TLS2200
CLEARER AND
FASTER

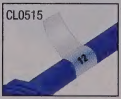


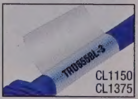
M21-375-499

XSL-102-427
Replacement
Ribbon for IDXPERT

PTL19427
Replacement
Ribbon for TLS2200

CL0515





CL1150
CL1375

Labels wrap around cable for easy identification.

To see our entire product offering
go to...L-com.com

Global Connectivity

The items below represent only a small portion of L-com's new products. Look for the New icon throughout the catalog to see more or go to L-com.com/NewProducts.

HyperLink™ 900 MHz Grid Antenna
page 6

Starting at **$69.99**

Item #
HG8915EG

HyperLink™ Horizontal Polarized Waveguide Omni Antenna
page 7

Starting at **$149.99**

Item #
HG2409WU

HyperLink™ Multi-Band Rubber Duck Antenna
page 12

Starting at **$21.99**

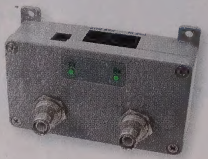
Item #
HG2458-7RDR-NM

HyperLink™ 0-6 GHz Coaxial Protector
page 35

Starting at **$29.99**

Item #
AL6-RSPRSJBW-9

HyperLink™ 2.4 GHz Indoor PoE Amplifier
page 17



Starting at **$154.99**

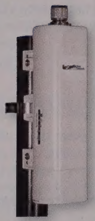
Item #
HA2401RTGE-100

HyperLink™ 2.4 GHz FCC Certified Economy Indoor Amplifier Kit
page 18

Starting at **$104.99**

Item #
HAKIT-RTMG-100

L-com Brand CPE Wireless Outdoor Access Point
page 23



Starting at **$69.99**

Item #
WLAN-LCCPE28-1

L-com Brand CPE Wireless Outdoor Access Point
page 23

Starting at **$84.99**

Item #
WLAN-LCCPE516-1

L-com Brand USB Series Wireless Adapter
page 23

Starting at **$40.00**

Item #
WLAN-LCUSB2458

L-com Brand High Powered Wireless USB Adapter
page 23

Starting at **$53.99**

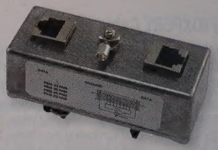
Item #
WLAN-LCUSB2415

NEMA 4X, Windowed Enclosures
page 28

Starting at **$129.98**

Item #
NBW121005

HyperLink™ Category 5 Data Line 10/100 Base-T Protector
page 33



Starting at **$39.99**

Item #
HGLND-CAT5J

HyperLink™ 4-20 mA Current Loop Protector
page 34

Starting at **$39.99**

Item #
AL-CL4-12

Premium Category 5E Patch Cords, Straight RJ45/Right RJ45
page 42

Starting at **$3.49**

Item #
TRD815RA7

Ruggedized RJ45 In-line Receptacle
page 50

Starting at **$100.95**

Item #
ECRP5103UA0

Category 5E Non-Shielded Flanged Extension Cable
page 74

Starting at **$14.84**

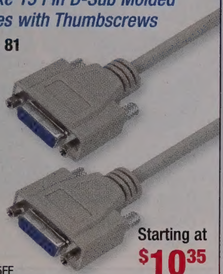
Item #
TRDC5EXTF

More New Products
See more new products at L-com.com/NewProducts

New The items below represent only a small portion of L-com's new products. Look for the New icon throughout the catalog to see more or go to L-com.com/NewProducts.

Deluxe 15 Pin D-Sub Molded Cables with Thumbscrews

page 81



Item #
CSMN15FF

Starting at
$10.35

Heavy Duty 9 Pin D-Sub Molded Cables with Thumbscrews

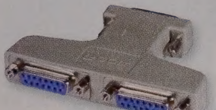
page 82

Item #
CPMS9MF

Starting at
$15.50

D-Sub Y Adapters/Splitters

page 92

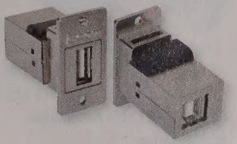


Item #
ADPT-DB15Y

Starting at
$11.00

Flanged Panel Mounted USB 2.0 Coupler - Type A/B Connectors, Fully Shielded

page 106



Item #
ECF504-AB

Starting at
$9.95

Waterproof USB Field Installable Connectors

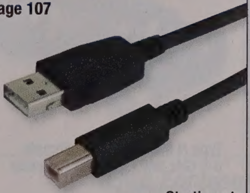
page 104

Item #
WPUSBCN-A-2.0
Item #
WPUSBCN-B-2.0

Starting at
$11.50

LSZH USB 2.0 Cables, Latching Type A / Standard Type B

page 107



Item #
CAUZALB-M

Starting at
$12.50

HDMI® Cable Assemblies with Multiple Colored Connector Over Molds

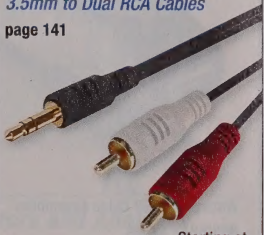
page 131

Item #
HDCAGR

Starting at
$16.95

3.5mm to Dual RCA Cables

page 141



Item #
CTL35RCAMY

Starting at
$7.95

L-com HDMI® Switches 4x1 - 3D Ready, HDCP Compliant

page 148

Item #
HD-SW-401

Starting at
$92.95

50 Ohm SMA Series Adapters

page 180

Item #
AXA-RSJRSJB
Item #
AXA-RSPRSP

Starting at
$3.99

IP66/67 Harsh Environment Multimode or Single mode Duplex LC Cable Assemblies

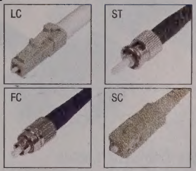
page 206

Item #
X-CAP
Item #
XLC-MM
XLC-SM
Item #
XPM-CAP2

Starting at
$9.95

LC, SC, FC, and ST Fiber Optic Pigtails

page 207

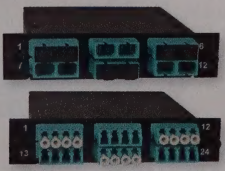


Item #
FPT Series

Starting at
$4.11

MPO Cassettes

page 208



Item #
FSP-MPO-SC12-OM3
Item #
FSP-MPO-LC24-OM3

Starting at
$284.98

Fiber Optic Sub-Panels

page 221

Item #
FSP-SCD6-BR
Item #
FSP-SCD6-CR

Starting at
$47.98

One, Two, Three and Four DIN Rail Termination Enclosures

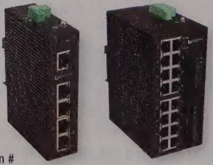
page 221

Item #
FSP-1DIN
Item #
FSP-4DIN

Starting at
$57.98

IES Series Industrial Ethernet Switches

page 241



Item #
IES-2205
Item #
IES-2220 Series

Starting at
$110.00

To see our entire product offering
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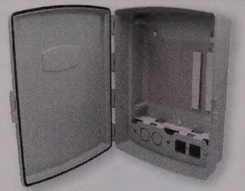
L-com® Global Connectivity

Best Seller

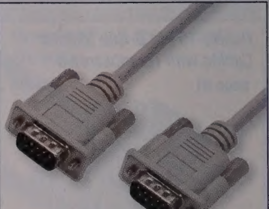
These items are just a few of our customer's favorites. Look for this icon throughout the catalog for more detailed information on these and other Best Selling products.

Coaxial BNC Cable Assemblies
CC59A Series
page 170



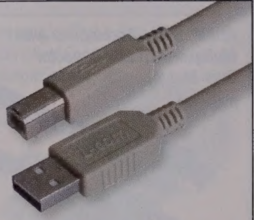
14 x 10 x 4 Inch 120 VAC Weatherproof Enclosure
NBP141004-100
page 29

Universal Master Rack Panel with 6 Openings
UPR35-6B
page 226

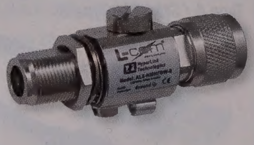


Premium Molded D-Sub Cable Assemblies
CS2N9MF Series
page 83

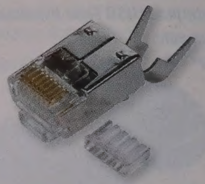
Waterproof USB Cable Assemblies
WPUSBAX Series
page 104



Premium USB Cable Assemblies
CSMUAB Series
page 102

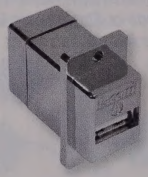


Type N Male to Type N Female 0-6 GHz 90V Lightning Protector
AL6-NMNFBW-9
page 35

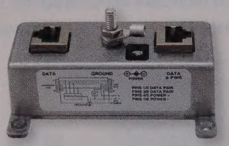


8x8 Shielded Plug with Strain Relief
TDS8PC5
page 63

Super Thin SVGA Cables
CTL3VGAMM-T
page 133

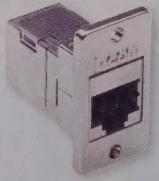


Panel Mounted USB Type Coupler
ECF504-UABS
page 106

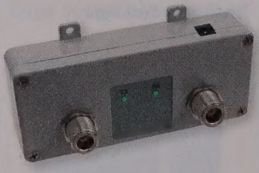


Single-Port Passive PoE Injector/Picker
BT-CAT5-P1
page 36

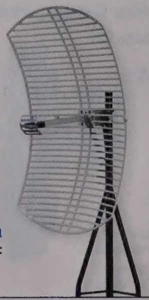
Category 5E Double Shielded LSZH 26 AWG Stranded Patch Cords
TRD855DSZ
page 46



Fully Shielded Cat 5E Coupler
ECF504-SC5E
page 64



2.4 GHz Indoor Amplifiers with Power Supply
HA2401GXI-1000
page 17



2.4 GHz 24 dBi Die-cast Grid Antenna
HG2424G-NF
page 6

DVI Female Bulkhead Adapter
DMB605FF
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L-com Global Connectivity

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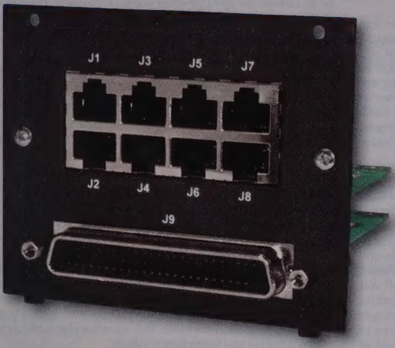
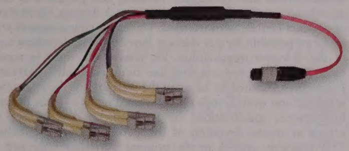


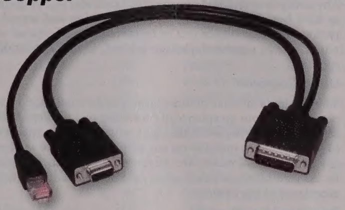
Do you need custom cable assemblies, antennas, adapters or other connectivity products?

L-com has over 30 years of experience designing and building custom connectivity products. L-com's manufacturing facilities in the U.S. and China can build just about every type of copper or fiber cable assembly as well as custom connectors, WiFi antennas, adapters, amplifiers, NEMA enclosures and more. L-com's Product Development and CAD Engineering teams are ready to serve you. L-com is ISO 9001:2008 and UL Certified and has the ability to manufacture custom products in large or small volumes. Fast turnaround is also available.

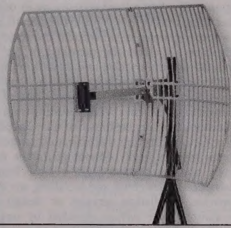
Fiber Optic



Copper

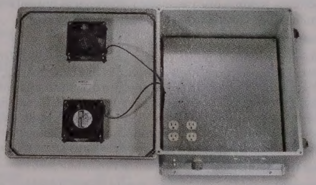


Antennas

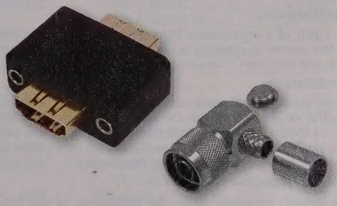


Amplifiers

NEMA Enclosures



Connectors and Adapters

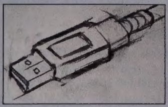


L-com's Design Process

We have the ability to manufacture custom products in large or small volumes. Fast turnaround is also available if needed. Our custom design process is simple and makes working with us as easy as 1-2-3.

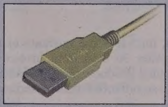
Step 1 - Concept

Provide us with the requirements of your project, from a rough sketch to a detailed drawing. Our technical staff will review the project, consult with you, and provide a quotation within 24 hours in most cases.



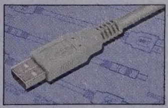
Step 2 - Design

Once an order is placed, we'll generate an engineering drawing and/or a 3D rendering of your custom assembly and e-mail it to you for approval.



Step 3 - Production

Once the drawing has been approved, production will begin in one of our facilities. We can produce quantities as low as 1 piece and as high as 100,000 pieces with very short lead times.



L-com's Certifications

A complete company documentation package is available for download at L-com.com/Profile

GSA Contract Holder
#GS-35F-0174S

ISO 9001: 2008

UL - Repackaged Electrical Construction Equipment

UL - Computer Interconnection Cable Assemblies

UL - Processed Wire

Custom design and manufacturing capabilities

Our product design process takes you from concept to production. L-com.com/Custom

L-com Global Connectivity

Terms and Conditions

Applicability of Terms and Conditions

The Terms and Conditions on this page will govern all sales by L-com, Inc. and it's subsidiaries ("us", "we") unless otherwise agreed to in writing, signed by L-com at its home office in North Andover, Massachusetts, by an authorized agent. Terms and Conditions contained in Buyer's purchase order or any other document that are different from or in addition to these Terms and Conditions are objected to, are rejected, and will not be binding on us. Buyer will be deemed to have agreed to these Terms and Conditions by issuing a purchase order number and upon receipt from us of a written acknowledgement of Buyer's placement of an order. Not-withstanding the foregoing, if we at Buyer's request, commence performance in any way prior to receipt by Buyer of our written acknowledgement, Buyer's acceptance of these Terms and Conditions will be deemed to have occurred on the date such performance commences. If for any reason, our Quotation is deemed an acceptance of an offer made by Buyer, such acceptance is expressly conditioned on Buyer's assent to these Terms and Conditions, which assent will be evidenced by the earlier of Buyer's acceptance of items delivered by us or any other performance by Buyer or by us. We will proceed to sell items only if Buyer assents to these Terms and Conditions.

Application Disclaimer

Products sold by us are not intended for use in life support or other medical devices or systems, life-critical applications, emergency response or safety related systems, or in connection with any product using nuclear power, or in the aircraft, aviation, aeronautical, aerospace, defense or related industries or for uses or in industries not otherwise provided in the product description. Any such use of products sold by us is at Customer's sole risk, and Customer agrees to indemnify and hold us harmless from and against any loss, claims, damages, liability, or cost (including court costs and attorney's fees) resulting from such use or sale by our Customer or any customer of our Customer. Due to the numerous factors affecting the operating range of radio frequency systems we specifically do not guarantee operating range. Customers are urged to contact a local Professional Installer for assistance in designing and installing any Products. We do not provide installation services or design services. Therefore any assistance or advice provided by one of our employees or representatives in selecting equipment is given on a best-effort basis, and should not be relied upon for final decision of product selection by Customer.

Call Monitoring

As a part of a commitment to continuous improvement, we utilize systems to monitor incoming and outgoing telephone calls with customers to ensure quality of service.

Confidentiality

Buyer agrees that all information furnished by or obtained from us in connection with the sale of items hereunder will be confidential, and Buyer agrees not to (i) disclose any such information to any other person, or (ii) use such information for any purpose, other than performing this contract.

FCC Part 15 and Part 97 Notice

For systems operating within the jurisdiction of the FCC, customer acknowledges that any amplification device it purchases is intended for use only in a transmission system certified under Part 15, Part 97 or other applicable section of the rules and regulations of the Federal Communications Commission.

International Orders

International orders may be subject to any applicable customs duties, VAT, and taxes in the country of destination, all of which are the responsibility of the customer. If this transaction involves an export under Export Administration Regulations, the products exported by us are exported in accordance with the current Export Administration Regulations. Diversion, use, export or re-export contrary to United States law is prohibited. The commodities, technology and/or software sold or distributed under these terms and conditions of sale may not be exported or re-exported to Cuba, Iran, Libya, Sudan, North Korea or Syria or to other countries, entities and persons that are ineligible under United States law to receive United States commodities, technology and/or software.

Jurisdiction and Venue

Customer agrees that any legal action brought against us shall be governed by the laws of the State of Massachusetts or State of Florida (respectively) without regard to its conflict of law principles. Customer agrees that the sole jurisdiction and venue for any litigation arising from any purchase shall be an appropriate federal or state court of competent jurisdiction located in Essex County, Massachusetts or Palm Beach County, Florida.

Limitation of Liability

In no event shall we, our Directors, Officers, Employees and Representatives be liable for indirect, special, incidental, consequential, punitive or other damages including but not limited to loss of use, loss of data, loss of business income or profits or breach of implied warranties of any kind arising out of the purchase, use or performance of the Products, whether or not it has been advised of the possibility of such damages. Some localities do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Remedies and Limitations on Remedies

In the event of any material breach of the warranty, we will, at our sole option, credit Buyer's account or repair any defective goods or furnish a replacement part or goods, all subject to Buyer providing written notice of the alleged breach within the time required. The remedies set forth herein shall be the sole and exclusive remedies available to buyer so that our credit of Buyer's account or repair or replacement is a fulfillment of all our obligations. We shall not be liable for any special, consequential, incidental or punitive damages of any kind, nor under any circumstance shall we be liable for damages beyond the price of the goods purchased by Buyer, whether in contract, in tort or under any warranty or other use.

Notices

Any notice to us required or permitted hereunder will be deemed to have been effectively delivered if in writing and served by personal delivery to us or sent by registered or certified mail with return receipt requested, postage prepaid, to us at the address specified.

Order Acceptance

Your receipt of an email or other form of order confirmation does not constitute our acceptance of your order or a confirmation of an offer to sell. We reserve the right, without prior notification, to limit the order quantity on any item and/or refuse service to any customer. All orders are subject to review and acceptance by us. Verification of information may be required prior to the acceptance of any order.

Pricing and Specifications

All prices and specifications are subject to change without notice. We reserve the right to change pricing, products and specifications, or discontinue items at our sole discretion for any reason whatsoever including, but not limited to changing market conditions, product discontinuation, component unavailability, manufacturing cost changes and errors in advertisements.

Returns

Customers wishing to return products must first obtain a Return Material Authorization (RMA) number from a Customer Service representative. This number must be printed on the outside of the package in order for it to be received and processed. Merchandise must be shipped prepaid. We will determine if credit will be issued upon evaluation of the product and packaging after it's returned to us. Other details concerning returns are as follows:

Stock Item Returns

Items ordered in error must have a Return Material Authorization (RMA) number issued within 30 days of the original order. These parts are eligible for full credit only if the returned products and packaging are in mint and salable condition. A repackaging/restocking charge not to exceed 25% of the sale price may be charged on any products not returned unopened. Under no circumstances will credit be issued after 30 days from date of invoice or for orders exceeding $500.00 in total value. All freight charges are the responsibility of the customer.

Custom Product and Tool Returns

Custom Products and tools are not returnable for any reason unless they are found to be defective.

Defective Item Returns

Defective items must have a Return Material Authorization (RMA) number called in prior to shipping.

Distributed Item Returns

Products distributed by L-com, Inc. carry the warranty of the respective manufacturer only. After 30 days from invoice all merchandise returns for distributed products must be handled directly with that manufacturer in accordance with their warranty.

Sales and Use Taxes

Any L-com orders shipped to or picked up in California, Florida, Indiana, Massachusetts, Michigan, Ohio, Pennsylvania, Texas or Washington will include applicable sales tax. The Customer must pay this tax to L-com unless the Customer provides a valid "Exempt or Resale Certificate" for the applicable state when establishing their account. Customer shall be solely responsible for all sales or use taxes, or other taxes, on orders shipped to any other state. Sales tax will be charged on product cost and shipping and handling where applicable and required by law.

Shipping and Processing

All orders are shipped FOB our plant in North Andover, MA or our plant in Boca Raton, FL, respectively. The minimum shipping and processing charge for domestic ground shipments is $10.95.

Shortages

Claims for shortages must be reported within 5 business days of receiving the order, otherwise these orders will be deemed as complete.

Tolerances and Variations

Except in the particulars specified by Buyer and agreed to in writing by us, the goods being sold to Buyer will be produced in accordance with our standard practices. All goods, however, including those produced to meet an exact specification, will be subject to tolerance and variations consistent with good manufacturing practices in regard to dimension, weight, section, composition, mechanical and electrical properties; to normal variations in surface and internal conditions and in quality; and to deviations from tolerances and variations consistent with practical testing and inspection methods.

Warranty

We warrant our manufactured products and assemblies for a period of one year from time of purchase. These products are warranted against defects in workmanship or materials under normal use. We cannot warranty our products in case of misuse, acts of God, or consequential damage. Alteration of product cancels all warranties. Under no circumstances will we be responsible for any damage beyond the replacement cost of the defective merchandise. We reserve the right to repair or replace any products that are returned under warranty. Products distributed by us carry the warranty of the respective manufacturer only. Goods manufactured by us to meet Buyer's instructions, specifications or requirements are subject to a plus or minus deviation of five percent (5%) in quantity. This warranty applies to the original purchaser only and is not transferable. This limited warranty covers normal use. The limited warranty does not cover damage incurred during shipment, caused by impact with other objects, dropping, immersion in liquid; service by anyone other than us, use not in accordance with instructions, accident, abuse, misuse, natural disasters such as flood, fire, earthquake or lightning, power surges and problems caused by use of power supplies not supplied by us. Warranty coverage will not apply in the event the serial number or brand-name has been removed, altered or defaced. EXCEPT AND TO THE EXTENT EXPRESSLY SET FORTH ABOVE, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND WE EXPRESSLY DISCLAIM ALL WARRANTIES NOT STATED HEREIN. Some states do not allow the exclusion of implied warranties or limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Privacy Policy

We collect the mail address, e-mail address, and phone information of those who communicate with us via written correspondence, e-mail, phone calls and information volunteered by the customer such as survey information and/or site registration. The information that you give us and information about your order may be combined with other personally identifiable information (such as demographic information and past purchase history) available from our records and other sources. This information will be used to make our future marketing efforts more efficient. This information may also be shared with other marketers to bring you offers of interest. If you prefer that we do not share your name and address with other marketers, please e-mail us at update@L-com.com or write us at the address below. L-com, Inc. Attn: Mailroom Manager, 45 Beechwood Drive, North Andover, MA 01845.

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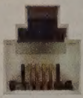
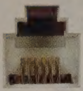
L-com® Global Connectivity

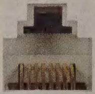
Connector Reference Chart

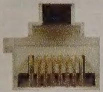
Modular Jacks

4-POSITION 4 CONTACT (HANDSET)


6-POSITION 4 CONTACT (RJ11)


6-POSITION 6 CONTACT (RJ12)


8-POSITION 8 CONTACT (RJ45)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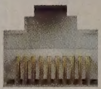
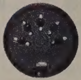

10-POSITION 10 CONTACT

Mini DIN and DIN Connectors

Mini DIN 4

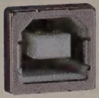
Mini DIN 6

Mini DIN 8

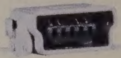
DIN 5


USB Connectors

2.0 Type A Jack


2.0 Type B Jack

2.0 Mini Type B Jack (4 position)


2.0 Mini Type B Jack (5 position)

2.0 Micro Type B Jack

3.0 Micro Type B Jack

3.0 Type A Jack

3.0 Type B Jack

Fiber Optic Connectors

ST CONNECTOR

SC CONNECTOR

FC CONNECTOR

MPO CONNECTOR

LC CONNECTOR

MU CONNECTOR

MT-RJ CONNECTOR

MINI TOSLINK CONNECTOR

TOSLINK CONNECTOR

HFBR CONNECTOR

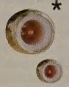
SMI CONNECTOR

Coaxial Connectors

SMA PLUG

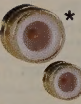
SMA JACK

SMB PLUG 50 Ohm



SMB JACK 50 Ohm

SMB PLUG 75 Ohm



SMB JACK 75 Ohm

SMC PLUG

SMC JACK

BNC PLUG 50 Ohm

BNC JACK 50 Ohm

BNC PLUG 75 Ohm

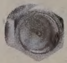
BNC JACK 75 Ohm

TNC PLUG

TNC JACK

RCA PLUG

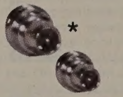
RCA JACK


FME PLUG

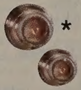
FME JACK

"F" PLUG

"F" JACK



MMCX (MALE)



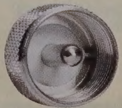
RP-MMCX

MCX PLUG

MCX JACK

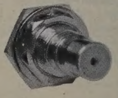
"N" PLUG

"N" JACK


UHF PLUG

UHF JACK

QMA PLUG


QMA JACK

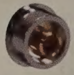
TRB PLUG 78 Ohm

NMO

WAVERIDER® COMPATIBLE (MALE)

MC CARD (MALE)

Sony Ericsson® COMPATIBLE EDGE PC CARD**

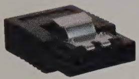

ORiNOCO® COMPATIBLE AP COMPATIBLE**

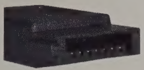
SIERRA WIRELESS AIRCARD® COMPATIBLE**

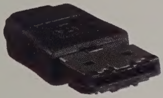
**See L-com.com for actual models this connector is compatible with.

Note: Images on this page are for reference only and may not be to scale.
* Images enlarged to show detail.

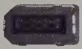
SATA/eSATA Connectors


Serial ATA Latching Connector

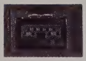

Serial ATA Connector


External Serial ATA Connector

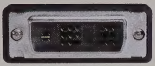
Firewire Connectors

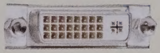

IEEE 1394 (Firewire) TYPE 1

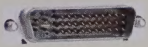
IEEE 1394 (Firewire) TYPE 2

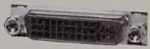

IEEE 1394b (Firewire) 9 POSITION

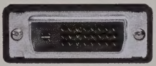
Audio/Video Connectors

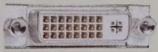

DVI-A DUAL LINK (MALE)

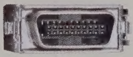

DVI-A DUAL LINK (FEMALE)

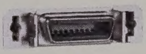

EVC (MALE)

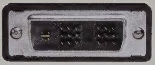

EVC (FEMALE)

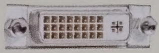

DVI-I DUAL LINK (MALE)

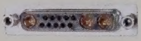

DVI-I DUAL LINK (FEMALE)

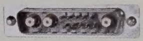

DFP (MALE)

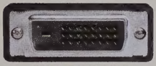

DFP (FEMALE)

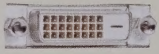

DVI-I SINGLE LINK (MALE)

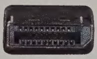

DVI-I SINGLE LINK (FEMALE)

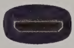

13W3 (MALE)

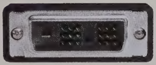

13W3 (FEMALE)

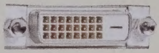

DVI-D DUAL LINK (MALE)

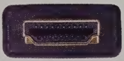

DVI-D DUAL LINK (FEMALE)

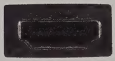

DISPLAY PORT


MINI HDMI


DVI-D SINGLE LINK (MALE)

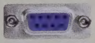

DVI-D SINGLE LINK (FEMALE)


HDMI (MALE)


HDMI (FEMALE)

D-Subminiature Connectors

Shell Size 1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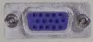
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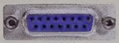
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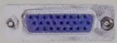
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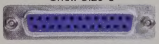
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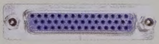
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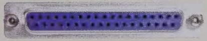
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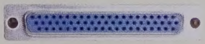
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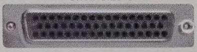
Shell Size 5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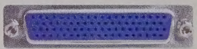
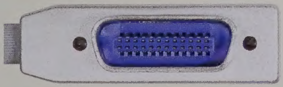
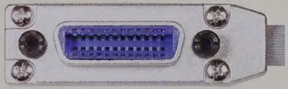
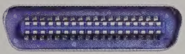
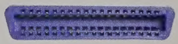

HD78F

Other Common Connectors


IEEE-488 - GPIB (MALE)


IEEE-488 - GPIB (FEMALE)


CENTRONICS PRINTER INTERFACE (MALE)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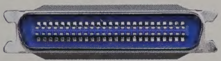
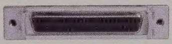
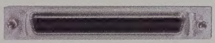
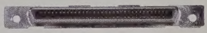

50 CONTACT D-SUB (SCSI-1)


HIGH DENSITY 50 CONTACT D-SUB (SCSI-2)


HPDB68 (SCSI-3)


.8mm CN68 (SCSI-5)

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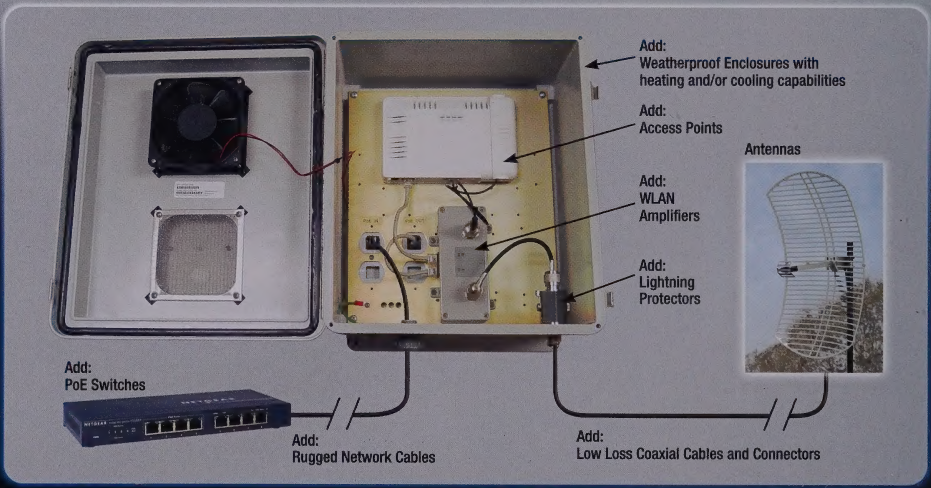

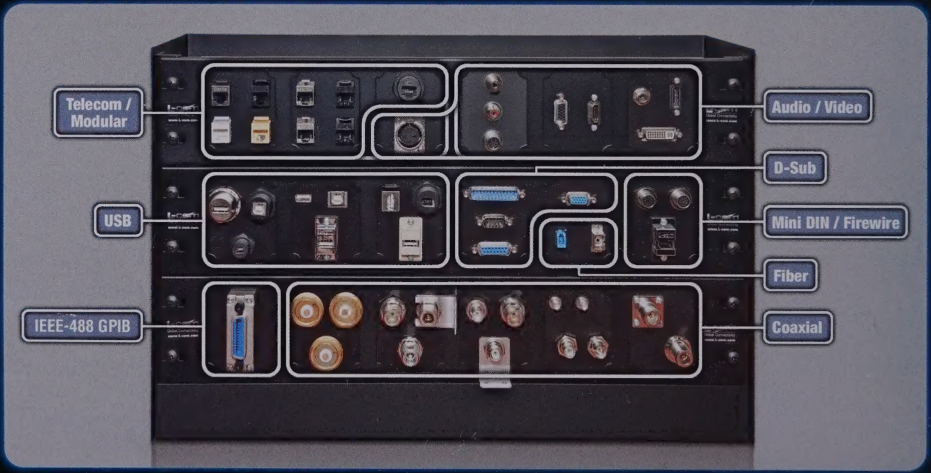

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